添付資料

【線源情報】

線源証明書



Tel 661·309·1010 Fax 661·257·8303

NOMINAL SOURCE CERTIFICATE

Customer: Daiichi Clarity Company Limited

Purchase Order No.: CA619

Model No.: N-252

Catalog No.: CF230140100U

Capsule Type: A3014

Active Diameter/Mass: 1.6 mm (0.062 ")

Cover: Stainless steel

Backing: Stainless steel

Certificate Date: 04-Oct-10

Quantity: 1

SS&DR No.: CA406S102S

ISO Classification: ISO/99/C66535

Special Form No.: USA/0351/S Rev 6

Nuclide Half Life: 2.645 ± 0.008 years

Recommended Working Life: 15 years

Nuclide	Source No.	Activity	Neutron Output [neutrons/second]	Reference Date
Cf-252	H4-694	100 μCi/3.7 MBq	4.24E+05	15-Oct-10

Impurities: See Technical Data sheet.

Leak Test Information is on Reverse Side:

Remarks:

- This document uses the numerical convention where 1.000 = 1 and $1,000 = 10^3$.
- Nuclear data was taken from "Table of Radioactive Isotopes", edited by Virginia Shirley, 1986.

Soctio Date

Notebook Page: 1465-40

- ISO 9001 CERTIFIED

Medical Imaging Laboratory

24937 Avenue Tibbitts Valencia, California 91355

Industrial Gauging Laboratory

1800 North Keystone Street Burbank, California 91504

Tel 661·309·1010 Fax 661·257·8303

Cf-252 Technical data

The Cf-252 used to prepare your order was taken from Eckert & Ziegler Isotope Products Laboratories Lot #5343201 and it had the following composition as of 20 Sep 10.

<u>Nuclide</u>	Mass %	Activity %
Cf-249	9.013	0.0886
Cf-250	11.904	3.1129
Cf-251	3.956	0.0151
Cf-252	75.126	96.7830
Cf-254	0.00002	0.00044

The Cm-248 decay product was last separated on 17 Sep 09

Isotopic composition provided by Oak Ridge National Laboratory

If you have any questions, please contact Eckert & Ziegler Isotope Products Technical Service: 661-309-1010

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NOMINAL SOURCE CERTIFICATE

Customer: Daiichi Clarity Company Ltd.

Purchase Order No.: CHN17

Model No.: N-252

Catalog No.: CF230140100U

Capsule Type: A3014

Active Diameter: 0.062" (1.57 mm)

Cover: Stainless Steel

Backing: Stainless Steel

Certificate Date: 02-Dec-11

Quantity: 1

SS&DR No.: CA0406S102S

ISO/ANSI Classification: ANSI 77C66535

Special Form No.: USA/0351/S-96 Rev 7

Nuclide Half Life: 2.645 ± 0.008 years

Recommended Working Life: 15 years

Nuclide	Source No.	Activity	Radiation Output	Reference Date
Cf-252	17-106	100 μCi (3.7 MBq)	3.97 E+5 n/s	15-Jan-12

Impurities: See Technical Data sheet.

Leak Test Information is on Reverse Side:

Remarks:

- This document uses the numerical convention where 1.000 = 1 and $1.000 = 10^3$.
- Nuclear data were taken from "Table of Radioactive Isotopes", edited by Virginia Shirley, 1986.
- ANSI classification is equivalent to ISO2919.

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Industrial Gauging Laboratory

1800 North Keystone Street Burbank, California 91504

Tel 661·309·1010 Fax 661·257·8303

Cf-252 Technical data

The Cf-252 used to prepare your order was taken from Eckert & Ziegler Isotope Products Laboratories Lot #5688701 and it had the following composition as of 10 Nov 11.

Nuclide	Mass %	Activity %
Cf-249	11.256	0.103
Cf-250	14.028	3.513
Cf-251	4.94	0.0210
Cf-252	69.769	95.946
Cf-254	0.000002	0.00001

The Cm-248 decay product was last separated on 24 Jun 10

Isotopic composition provided by Oak Ridge National Laboratory

If you have any questions, please contact Eckert & Ziegler Isotope Products Technical Service: 661-309-1010



Tel 661.309.1010

Fax 661.257.8303

NOMINAL SOURCE CERTIFICATE

Customer: Daiichi Clarity Company Ltd.

Purchase Order No.: CTD07

Model No.: N-252

Catalog No.: CF230140100U Capsule Type: A3014-01

Active Diameter: 0.062" (1.57 mm)

Cover: Stainless Steel **Backing:** Stainless Steel

Certificate Date: 26-Aug-13

Quantity: 1

SS&DR No.: CA0406S102S

ISO/ANSI Classification: ANSI 77C66535

Special Form No.: USA/0351/S-96 Rev 8 Nuclide Half Life: 2.645 ± 0.008 years

Recommended Working Life: 15 years

Nuclide	Source No.	Activity	Radiation Output	Reference Date
Cf-252	K7-436	100 μCi (3.7 MBq)	3.79 E+05 n/s	1-Oct-13

Impurities: See Technical Data sheet.

Leak Test Information is on Reverse Side:

Remarks:

- This document uses the numerical convention where 1.000 = 1 and 1,000 = 10³.
- Nuclear data were taken from "Table of Radioactive Isotopes", edited by Virginia Shirley, 1986.
- ANSI classification is equivalent to ISO2919.



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- ISO 9001 CERTIFIED -

Industrial Gauging Laboratory

1800 North Keystone Street Burbank, California 91504

Tel 661·309·1010 Fax 661·257·8303

Cf-252 Technical data

The Cf-252 used to prepare your order of source with serial number K7-436 was taken from Eckert & Ziegler Isotope Products Laboratories Lot #5769305 and it had the following composition as of 22 Aug 13.

<u>Nuclide</u>	Mass %	Activity %
Cf-249	15.438	0.1844
Cf-250	17.567	5.5805
Cf-251	6.801	0.0315
Cf-252	60.194	94.2036

The Cm-248 decay product was last separated on 26 Sep 11

Isotopic composition provided by Oak Ridge National Laboratory

If you have any questions, please contact Eckert & Ziegler Isotope Products Technical Service: 661-309-1010





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NOMINAL SOURCE CERTIFICATE

Customer: Daiichi Clarity Company Ltd.

Purchase Order No.: DC420 Certificate Date: 2017-12-13

Model No.: N-252 Quantity: 1

 Catalog No.:
 CF230140090U
 SS&DR No.:
 CA0406S102S

 Capsule Type:
 A3014-01
 ISO/ANSI Classification:
 ANSI 77C66535

 Active Diameter:
 0.062" (1.57 mm)
 Special Form No.:
 USA/0351/S-96 Rev 9

Cover: Stainless Steel

Nuclide Half Life: 2.645 ± 0.008 years

Backing: Stainless Steel

Recommended Working Life: 15 years

Nuclide	Source No.	Activity	Radiation Output	Reference Date
Cf-252	Q2-334	90 μCi (3.33 MBq)	3.82 E+05 n/s	2018-02-01

Impurities: See Technical Data sheet.

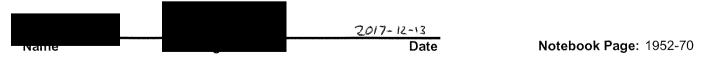
Leak Test Information is on Reverse Side:

Remarks: - This document uses the numerical convention where 1.000 = 1 and $1,000 = 10^3$.

- This document uses the date convention YYYY-MM-DD in accordance with ISO 8601.

- Nuclear data were taken from "Table of Radioactive Isotopes", edited by Virginia Shirley, 1986.

- ANSI classification is equivalent to ISO2919.



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Industrial Gauging Laboratory

1800 North Keystone Street Burbank, California 91504

Medical Imaging Laboratory

24937 Avenue Tibbitts Valencia, California 91355





Cf-252 Technical data

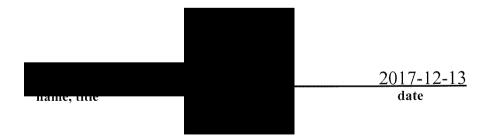
The Cf-252 used to prepare your order of source Q2-334 was taken from Eckert & Ziegler Isotope Products Laboratories Lot #5873415 and it had the following composition as of 2017-10-04.

<u>Nuclide</u>	Mass %	Activity %
Cf-249	20.977	0.3514
Cf-250	28.384	12.645
Cf-251	10.981	0.0712
Cf-252	39.658	86.932

The Cm-248 decay product was last separated on 2014-08-22

Isotopic composition provided by Oak Ridge National Laboratory

If you have any questions, please contact Eckert & Ziegler Isotope Products Technical Service: 661-309-1010



IPL Form055-2 Rev. ---

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Tel 661 • 309 • 1010 Fax 661-257-8303

An Eckert & Ziegler Company

CERTIFICATE OF CALIBRATION NEUTRON STANDARD SOURCE

Radionuclide: Cf-252 **Customer:** CANBERRA INDUSTRIES (CONNECTICUT)

Half-life: 2.645 ± 0.008 years P.O. No.: 72021AA

Catalog No.: N-252 Reference Date: 15-Jun-01 12:00 PST

Source No.: WW-906 Contained Radioactivity: 55.38 2049 μCi kBq

Physical description:

A. Capsule type: 3014

B. Nature of active deposit: Cf-252 in ceramic matrix

C. Active Diameter: 0.062" (1.6 mm) D. Backing: Stainless steel E. Cover: Stainless steel

Radioimpurities:

See Technical Data Sheet

Method of Calibration:

This source was assayed using a neutron counter against a standard of similar isotopic composition and geometric configuration.

Uncertainty of Measurement:

A. Type A (random) uncertainty:	±	2.6	%
B. Type B (systematic) uncertainty:	±	3.6	%
C. Uncertainty in aliquot weighing:	±	0.0	%
D. Total uncertainty at the 99% confidence level:	±	4.4	%

- See reverse side for leak test(s) performed on this source.
- IPL participates in a NIST measurement assurance program to establish and maintain implicit traceability for a number of nuclides, based on the blind assay (and later NIST certification) of Standard Reference Materials (As in NRC Regulatory Guide 4.15).
- Nuclear data was taken from "Table of Radioactive Isotopes", edited by Virginia Shirley, 1986.
- This source has a working life of 5 years.
- This source has a neutron emission rate of 237,700 neutrons/second on 15 Jun 01.

	31-May-01 Date Signed	IPL Ref. No.:	781-8	
 Medical Imaging Laboratory	ISO 9001 CERTIFIED —————	Industrial Gauging La	boratory	

24937 Avenue Tibbitts Valencia, California 91355

1800 North Keystone Street Burbank, California 91504

【AFAS 性能確認試験】

(1) 2.1 長期管理限界の妥当性確認

201904_AFAS-B Bottom Fork.txt 201904_AFAS-B Bottom Fork.txt

```
INCC 5.1.2
```

INCC 5. 1. 2

```
Passive summed raw data
       Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Shift register singles sum:
                                                                                                                      JM2G
AFAS
JSR_02
JSR-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Shift register singles sum:
Shift register reals + accidentals sum:
Shift register accidentals sum:
Shift register 1st scaler sum:
Shift register 2nd scaler sum:
8560
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Scaler 2:
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Isotopics source code: OD
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1261
1220
1275
1267
1273
1303
                                                                      topics id: Default 

race code: 00 

Pu238: 0.0000 +- 

Pu239: 0.0000 +- 

Pu240: 100.0000 +- 

Pu241: 0.0000 +- 

Pu242: 0.0000 +- 

Pu date: 00.01.01 

Am241: 0.0000 +- 

Am date: 00.01.01
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50. 0000
0. 0060
0. 0000
                                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
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901
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    Multiplicity deadtime:
Coefficient A deadtime:
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485. 917
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5. 550
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    Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
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492. 800
492. 667
489. 033
490. 317
495. 367
490. 133
491. 233
495. 267
488. 750
490. 633
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5. 767
4. 517
4. 867
5. 083
4. 000
3. 767
6. 033
5. 233
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Pass
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12
13
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0.000 +-
0.000 +-
0.000
0.000
  Passive singles bkgrnd:
Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                      0. 000
0. 000
0. 000
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6. 700
       Number passive cycles:
Count time (sec):
                                                                                                                                                                                                                                (1)
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```

201904 AFAS-B Collar.txt 201904 AFAS-B Collar.txt

Passive summed raw data

Isotopics source code:	OD				
Pu238:	0.0000 +-	0.0000	0.0000	+-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000	+-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000	+-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000	+-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000	+-	0.0000
Pu date:	00. 01. 01		19.04.22		
Am241:	0.0000 +-	0.0000	0.0000	+-	0.0000
Am date:	00. 01. 01		19.04.22		
Predelay:	1.50				
Gate length:	64.00				
2nd gate length:	64.00				
High voltage:	1720				
Die away time:	50.0000				
Efficiency:	0. 1970				
Multiplicity deadtime:	160.0000				
Coefficient A deadtime:	0.6419				
Coefficient B deadtime:	0.1030				
Coefficient C deadtime:	0.0000				
Doubles gate fraction:	0.0001				
Triples gate fraction:	0.0001				
Normalization constant:	1.0000 +-	0.0000			
Passive singles bkgrnd:	0.000 +-	0.000			
Passive doubles bkgrnd:	0.000 +-	0.000			
Passive triples bkgrnd:	0.000 +-	0.000			
Passive scaler1 bkgrnd:	0.000	0.000			
Passive scaler2 bkgrnd:	0.000				
I accive ocalerz Drgriiu.	0.000				

(1)

Number passive cycles: Count time (sec):

Shift r	egister real Shift regis Shift regi	s + accid ter accid ster 1st		: 5: : 4:	036459 562450 061334 23064 0	
Passive	error messa	iges				
Known a	ılpha analysi	s error				
Results	;					
		Do Tr Sca	ngles: ubles: iples: iler 1: iler 2:	9034. 189 1935. 700 0. 000 29. 569 0. 000	+- 4.8 +- 0.0 +- 0.1	84 00 47
Passive	cycle raw d	lata				
Cycle 1 2 3 4 5 6 7 8 9 10 11 12 13	Singles 540180 542489 538992 540997 541550 543005 541838 540684 540533 541212 541107 541900 541972	R+A 425280 429108 424769 427718 430561 429452 428174 428496 427395 428152 427975 428600 data	A 311180 313469 310831 312894 312090 315088 312024 311884 310841 312070 313677 312898	Scaler1 1781 1838 1797 1759 1773 1804 1771 1798 1731 1775 1749 1717	Scaler2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	OC Tests Pass Pass Pass Pass Pass Pass Pass P
Cycle 1 2 3 4 5 6 7 8 9 10 11 12 13	Singles 9016. 035 9054. 630 8996. 178 9029. 692 9038. 935 9063. 256 9043. 749 9024. 460 9021. 936 9031. 530 9044. 785 9045. 989	Dou 1912 1938 1909 1913 1933 1935 1962 1947 1953 1945	bles . 704 . 551 . 964 . 995 . 318 . 779 . 426 . 080 . 821 . 863 . 949 . 059	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Pass Pass Pass Pass Pass Pass Pass Pass

201904_AFAS-B Top Fork.txt 201904_AFAS-B Top Fork.txt

```
INCC 5. 1. 2
         Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
         19. 04. 22 09:24:59
94MJ2459. VER
                                                                                                                                               BWR TF
 Item id:
Strem id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
                                                                                                                                               Pu
0.000
Verification
Database
On
Sample method
                                                                                                                                                 Measured
                                         Inspector name: JAEA
Passive comment: AFAS BWR TOP FORK Normalization
                                                             Isotopics id: Default
         Isotopics source code:
Pu238:
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0. 0000 +-
100. 0000 +-
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Pu240 :
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Am241: 0.0000
Am date: 00.01.01
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64. 00
64. 00
1720
50. 0000
0. 0080
                                                                                   Predelay:
                                         Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
     Multiplicity deadtime:
Coefficient A deadtime:
                                                                                                                                                                        0.0000
0.0000
     Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
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0.0000
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0.0001
     Normalization constant:
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0.000 +-
0.000 +-
0.000
0.000
     Passive singles bkgrnd:
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     Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                   0. 000
0. 000
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11 60

(1)

Number passive cycles: Count time (sec):

INCC 5. 1. 2

Passive summed raw data

Passive error messages Known alpha analysis error

Passive cycle raw data Singles

15126 14921

15004 14924

14973 15181

15086 15188

15023 15138

255. 200 252. 100

248. 683 250. 067

248. 733 249. 550 253. 017

251. 433 253. 133

250. 383 252. 300

Passive cycle rate data Singles

Results

Cycle

10 11

Cycle

Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum:

Singles: Doubles: Triples:

Scaler 1: Scaler 2:

A 224

230 245

222 239

243 215

244 233

237 241

R+A 337

349 320

350 361

326 328

313 343

325 347

Doubles

1. 883 1. 983

1. 250 2. 133

2. 033 1. 383

1. 883 1. 150

1. 833 1. 467 1. 767

3699 2573 310696

> 0.618 0.101 0.000 0.825

> > QC Tests

Pass Pass

Pass Pass

Pass Pass

Pass Pass

QC Tests

Pass Pass

Pass Pass

0 Pass Pass

Mass

0.000 0.000 Pass Pass

0.000 0.000 Pass Pass

0.000 0.000 Pass Pass

0. 000 0. 000 0. 000 0. 000 0. 000

Scaler2

251. 327 +-1. 706 +-0. 000 +-470. 752 +-0. 000 +-

Scaler1

28130

28229 28446

28197 28274

28187 27897

28433 28338

28426 28139

0. 000 0. 000

0.000 0.000

0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000

397153

(2)

201904 AFAS-P Bottom Fork, txt 201904 AFAS-P Bottom Fork.txt Passive summed raw data

Facility: JMOX Material balance area: Detector type: JM2G AFAS Detector id: Electronics id: JSR-12 Inventory change code: I/O code: Measurement date: Results file name: 19. 04. 22 10:35:51 94MK3551. VER Inspection number: Item id: Stratum id: PWR BF Material type: Original declared mass: Pu 0. 000 Measurement option: Data source: QC tests: Verification Database On Sample method Error calculation: cidentals method: Measured
Inspector name: JAEA
Passive comment: AFAS PWR BOTTOM FORK Normalization Accidentals method: Isotopics id: Default 0D 0.0000 +-0.0000 +-Isotopics source code: 0. 0000 0. 0000 0. 0000 0. 0000 0.0000 +-0.0000 +-100.0000 +-0.0000 0.0000 0.0000 0.0000 Pu238: Pu239: Pu240: 100.0000 +-Pu241: 0.0000 + 0.0000 + 0.0000 +-0.0000 +-0.0000 Pu242: 0.0000 Pu date: 00.01.01 19. 04. 22 0.0000 0. 0000 +-19. 04. 22 0.0000 Am241: 0.0000 Am date: 00.01.01 0.0000 +-Predelay: 1.50 Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: 1720 50. 0000 Efficiency: 0.0127 0.0000 Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0.0000 0.0000 0.0000 0.0001 0.0001

1.0000 +-

0.000 +-0.000 +-

0.000 +-0.000

60

0.000

0.0000

0. 000 0. 000

0.000

(1)

Normalization constant:

Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd:

Passive scaler2 bkgrnd:

Number passive cycles: Count time (sec): Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 15250 300261 Passive error messages No passive calibration curve calibration No known alpha calibration Results 601. 747 +-8. 626 +-0. 000 +-454. 941 +-Singles: Doubles: Triples: 0.960 0.382 0.000 0.722 Scaler 1: Scaler 2: 0.000 +-Passive cycle raw data Cycle Singles A 1433 1317 1393 Scaler1 Scaler2 QC Tests 0 0 1874 27543 27309 Pass Pass 35876 1882 1879 35972 27544 1396 1432 1360 1421 1361 1318 36176 1898 1922 27310 36085 27309 Pass Pass Pass Pass Pass Pass Pass Pass 1813 1930 1907 2037 36010 27155 0 0 0 0 0 36254 27224 36171 27132 27260 36066 10 11 36348 1923 1878 1414 1405 27130 27345 36408 Passive cycle rate data Cycle Singles Doubles Triples Mass QC Tests 7. 350 9. 417 8. 100 8. 367 596. 450 597. 933 0. 000 0. 000 0.000 0.000 Pass Pass 599. 533 0.000 0.000 0.000 602. 933 0.000 601. 417 8. 167 7. 550 0.000 0.000 0.000 Pass Pass 600, 167 0.000 604. 233 8. 483 9. 100 0.000 0.000 0.000 Pass Pass 602. 850 0.000 601. 100 605. 800 0.000 0.000 0.000 8. 483 7. 883 0.000

0.000

(2)

0.000

11

606.800

201904_AFAS-P Collar.txt 201904_AFAS-P Collar.txt

```
INCC 5.1.2
```

Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS JM2G AFAS JSR_03 JSR-12

Isotopics id: Default Isotopics source code:
Pu238:

topics id: Default urce code: 0D
Pu238: 0.0000 +Pu239: 0.0000 +Pu240: 100.0000 +Pu241: 0.0000 +Pu242!: 0.0000 +Pu date: 00.01.01
Am date: 00.01.01 0.0000 +-0.0000 +-100.0000 +-0.0000 +-0.0000 +-0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 19. 04. 22 0. 0000 19. 04. 22 0.0000 0.0000

1. 50 64. 00 64. 00 1720 50. 0000 0. 1620 Predelay: Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: 86. 5000 0. 3458 Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0. 0299 0. 0000 0.0001 0.0001

Normalization constant: 1.0000 +-0.0000 0.000 +-0.000 +-0.000 +-0.000 0.000 Passive singles bkgrnd: 0.000 Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0.000 0.000

Number passive cycles: Count time (sec):

(1)

Passive summed raw data

Shift register singles sum: Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 3424644 2512338 43480

Passive error messages

No passive calibration curve calibration No known alpha calibration

Results

7391. 605 +1270. 335 +0. 000 +60. 389 +0. 000 +-4. 810 3. 447 0. 000 0. 274 0. 000 Singles: Doubles: Triples: Scaler 1: Scaler 2:

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	442037	284494	207811	3708	0	Pass
2	442916	285400	209737	3619	0	Pass
3	442825	285163	209439	3629	0	Pass
4	443856	286109	209616	3651	0	Pass
5	442361	283094	208563	3663	0	Pass
6	442726	285543	208548	3511	0	Pass
7	443480	285883	209922	3666	0	Pass
8	442496	284505	208099	3585	0	Pass
9	445656	287799	211440	3542	0	Pass
10	442511	283983	208692	3665	0	Pass
11	444092	286189	210705	3590	0	Pass
12	443600	286482	209766	3651	0	Pass

Passive cycle rate data

Cycle	Singles	Doub I es	Triples	Mass	QC Tests
1	7371. 980	1281. 312	0.000	0.000	Pass
2	7386. 649	1264. 275	0.000	0.000	Pass
3	7385. 130	1265. 294	0.000	0.000	Pass
4	7402. 335	1278. 151	0.000	0.000	Pass
5	7377. 387	1245. 356	0.000	0.000	Pass
6	7383. 478	1286. 531	0.000	0.000	Pass
7	7396.061	1269. 259	0.000	0.000	Pass
8	7379.640	1276. 687	0.000	0.000	Pass
9	7432.374	1275. 925	0.000	0.000	Pass
10	7379.890	1258. 056	0.000	0.000	Pass
11	7406. 274	1261. 293	0.000	0.000	Pass
12	7398, 063	1281, 875	0.000	0.000	Pass

(2)

201904 AFAS-P Top Fork txt

INCC 5. 1. 2

Facility: JMOX Material balance area: Detector type: JM2G AFAS Detector id: Electronics id: JSR-12 Inventory change code: I/O code:

Measurement date: Results file name: 19. 04. 22 10:08:43 94MK0843. VER Inspection number: Item id: Stratum id: PWR TF

Material type: Original declared mass: Pu 0. 000 Measurement option: Data source: QC tests: Verification Database On Sample method Error calculation: In or Carteriation Sample method
Cidentals method: Measured
Inspector name: JAEA
Passive comment: AFAS PWR TOP FORK Normalization Accidentals method:

Isotopics id: Default 0D 0.0000 +-0.0000 +-Isotopics source code: Pu238: Pu239:

0. 0000 0. 0000 0. 0000 0. 0000 0.0000 +-0.0000 +-100.0000 +-0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 Pu240: 100.0000 +-Pu241: 0.0000 + 0.0000 + 0.0000 0.0000 0.0000 Pu242: Pu date: 00.01.01 19. 04. 22 0.0000 0. 0000 +-19. 04. 22 0.0000 Am241: 0.0000 +-Am date: 00.01.01

0.0000

1.50 Predelay: Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0.0126 0.0000 Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0.0000 0.0000 0.0000 0.0001 0.0001

0.000 +-0.000 +-Passive singles bkgrnd: Passive doubles bkgrnd: 0. 000 0. 000 Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0.000 +-0.000 0.000 0.000

1.0000 +-

Number passive cycles: Count time (sec): 12 60

Normalization constant:

Passive summed raw data

Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 5325 305468

Passive error messages

No known alpha calibration

Results

7. 396 +--0. 001 +-0. 000 +-424. 261 +-0. 000 +-Singles: 0.085 Doubles: Triples: Scaler 1: Scaler 2: 0. 001 0. 000 0. 627 0.000

201904 AFAS-P Top Fork txt

Passive cycle raw data

Cycle Singles R+A Α Scaler1 Scaler2 QC Tests 25436 25227 0 0 0 434 Pass 421 434 25617 25381 450 437 430 440 450 456 25397 Pass 0 0 0 0 0 25530 Pass Pass Pass Pass Pass Pass Pass 25570 25372 25503 10 25279 11 12 25650 476 25506

Passive cycle rate data

Cvcle Singles Doubles Triples Mass QC Tests 7. 067 7. 233 0. 000 0. 000 0. 000 0. 000 0.000 0.000 Pass Pass 7. 017 -0. 017 0. 000 0.000 0.000 0.000 7. 233 0.000 7. 500 0. 000 0. 000 0.000 0.000 0.000 Pass Pass 0.000 7. 283 7. 167 0. 000 0. 000 0.000 0.000 0.000 0.000 Pass Pass 7. 333 7. 500 0. 000 0. 000 0.000 0.000 0.000 Pass Pass 7. 600 0.000 11 12 7. 883 7. 933 0. 000 0. 000 0.000 0.000 0.000 0.000

(1)

201905_AFAS-B Bottom Fork.txt 201905_AFAS-B Bottom Fork.txt

Passive summed raw data

Passive error messages No known alpha calibration

Passive cycle raw data Singles Cycle

28894 29273

29224 29130

29363 28909

29337 28927

28993 29162

29218 29242

Passive cycle rate data Singles

484. 883 481. 567

487. 883 487. 067

485. 500 489. 383 481. 817

488. 950 482. 117

483. 217 486. 033

486. 967 487. 367

10 11

12 13

Cycle

Results

Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum:

> Singles: Doubles: Triples: Scaler 1: Scaler 2:

1207 1198 1255

1213 1274

1229 1287

Doubles

5. 350 4. 633

6. 233 5. 017

5. 300 7. 517 6. 583

5. 733 6. 250

6. 083 5. 733 6. 017 6. 767

A 886

920 881

912 956

843 873

896 866

883 909

868 881

16207

8016

0. 747 0. 215 0. 000 0. 115

QC Tests

Pass Pass

Pass Pass

Pass Pass

Pass Pass

Pass Pass

QC Tests

Pass Pass Pass Pass

Pass Pass

Pass

0 Pass 0 Pass

Mass

0.000 0.000 Pass Pass

0.000 0.000 Pass Pass

0. 000 0. 000 0. 000 0. 000 0. 000 0. 000

0.000 0.000 Pass

(2)

Scaler2

485. 596 +-5. 940 +-0. 000 +-10. 277 +-0. 000 +-

Scaler1

592 598

593 579

630 627

644 642

631 611

584 633

Triples

0. 000 0. 000

0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

```
INCC 5.1.2
              Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
Detector 1d: USK_UZ
Electronics id: USR-12
Inventory change code:
1/0 code:
Measurement date: 19.05.17 10:00:32
Results file name: 915MK0032.VER
Inspection number:
Item id: USK WXX
Material type: Pu
Original declared mass: 0.000
Measurement option:
Data source: Review disk file
0.C tests: 0n
Horizonic Measured
Inspector name: UAEA
Passive comment: AFAS BWR BOTTOM FORK Normalization
                                                                                                  Isotopics id: Default
              Isotopics source code:
Pu238:
                                                                                                                                                                                                                                        0. 0000 +-
0. 0000 +-
100. 0000 +-
0. 0000 +-
0. 0000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                       Pu239 :
Pu240 :
                                                                                                                                                                                                                                                                                                                                                                                  0.0000
0.0000
                                                                                                                                                                       Pu241:
Pu242:
                                                                                                                                                                                                                                                                                                                                                                                  0.0000
0.0000
                                                                                                                                               Pu date: 00.01.01
Am241: 0.0000 +-
Am date: 00.01.01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              19. 05. 17
0. 0000
19. 05. 17
                                                                                                                                                                                                                                                                                                                                                                                  0.0000
                                                                                                                                                                                                                                                       1. 50
64. 00
64. 00
1720
50. 0000
0. 0060
                                                                                                                                         Predelay:
                                                                    Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
        Multiplicity deadtime:
Coefficient A deadtime:
                                                                                                                                                                                                                                                                                     0.0000
0.0000
```

0.0000 0.0000

0.0001 0.0001

1.0000 +-

0.000 +-0.000 +-0.000 +-0.000 0.000

0.0000

0.000

0.000 0.000

(1)

Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:

Normalization constant:

Passive singles bkgrnd:

Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd:

Number passive cycles: Count time (sec):

Number passive cycles: Count time (sec):

0.0000 0.0000

0.0000 0.0000

0.0000

201905 AFAS-B Collar.txt 201905 AFAS-B Collar.txt

```
INCC 5. 1. 2
                       Facility: JMOX
   Material balance area:
Detector type:
                                          JM2G
AFAS
              Detector id:
Electronics id:
                                           JSR-12
   Inventory change code:
I/O code:
         Measurement date:
Results file name:
                                           19. 05. 17 09:46:49
95HJ4649. VER
          Inspection number:
Item id:
Stratum id:
                                          BWR COLLAR
 Material type:
Original declared mass:
                                          Pu
0. 000
        Measurement option:
Data source:
QC tests:
                                          Verification
Review disk file
                                          On
Sample method
          Error calculation:
            inspector name: JAEA
Passive comment: AFAS BWR COLLAR Normalization
        Accidentals method:
                  Isotopics id: Default
                                          0D
0.0000 +-
0.0000 +-
   Isotopics source code:
                                                                                   0.0000 +-
0.0000 +-
100.0000 +-
                                                                 0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                          0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                              Pu238:
                              Pu239:
                              Pu240:
                                           100.0000 +-
                              Pu241:
                                              0.0000 +-
0.0000 +-
                                                                                      0.0000
0.0000
                                                                  0.0000
                              Pu242:
                          Pu date: 00.01.01
                                                                                   19. 05. 17
                                                                  0.0000
                                                                                   0. 0000 +-
19. 05. 17
                                                                                                          0.0000
                          Am241: 0.0000
Am date: 00.01.01
                                              0.0000 +-
                                                 1.50
                        Predelay:
             Gate length:
2nd gate length:
                                                64. 00
64. 00
               High voltage:
Die away time:
                                             1720
50. 0000
                    Efficiency:
                                              0. 1970
160. 0000
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                 0.6419
0.1030
                                                  0.0000
                                                  0.0001
                                                 0.0001
                                                 1.0000 +-
 Normalization constant:
                                                                       0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                 0.000 +-
0.000 +-
                                                                       0.000
                                                 0.000 +-
0.000
                                                                       0.000
 Passive scaler2 bkgrnd:
                                                 0.000
```

60

(1)

Passive summed raw data Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 5845135 4558075 3314196 18842 Passive error messages Known alpha analysis error Results 4. 908 4. 314 0. 000 0. 187 8868.879 +-Singles: 1895. 425 +-0. 000 +-28. 548 +-0. 000 +-Doubles: Triples: Scaler 1: Scaler 2: 0.000 Passive cycle raw data Cycle Singles Scaler1 Scaler2 QC Tests 302298 303008 302480 300815 0 0 532092 532490 414752 416098 1673 1703 Pass 532045 414319 414917 1749 531219 1736 Pass 529981 411727 414232 300143 1732 1781 Pass 0 0 0 0 0 531109 300977 Pass Pass Pass Pass Pass Pass 532930 416646 412192 303981 1733 1678 530198 298721 530767 414375 300324 1697 1654 530456 413849 300012 414968 531848 301437 1706 Passive cycle rate data Cvcle Singles Doubles 1884. 948 Triples Mass 0. 000 QC Tests 0. 000 0. 000 0. 000 8880. 848 8887. 500 8880. 062 1895. 617 1874. 639 0.000 Pass Pass 0.000 8866. 256 8845. 564 1912, 554 0.000 0.000 0.000 Pass Pass 1870. 323 0.000 8864. 417 1898. 354 0.000 0.000 0.000 Pass Pass 8894. 854 1888, 502 0.000 8849. 191 1901. 956 1911. 690 0.000 0.000 0.000 Pass Pass 8858. 701 0.000 8853.503 1908. 096 0.000 0.000 0.000 0.000 8876, 769 1902, 996

201905_AFAS-B Top Fork.txt 201905_AFAS-B Top Fork.txt

```
INCC 5.1.2
            Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
                                                                                                                                                                                                         JM2G
AFAS
JSR_01
JSR-12
Detector 1d: JSK_UI

Electronics id: JSR-12

Inventory change code: JSR-12

Inventory change code: J0 SR-12

I/O code:

Measurement date: 19.05.17 09:33:45

Results file name: 95HJ3345.VER

Inspection number:

Item id: BMR TF

Stratum id: XXXX

Material type: Pu

Original declared mass: 0.000

Measurement option: Verification

Data source: Review disk file

Octests: On

Error calculation: Sample method

Accidentals method: Measured

Inspector name: JAEA

Passive comment: AFAS BWR TOP FORK Normalization
                                                                                     Isotopics id: Default
            Isotopics source code:
Pu238:
                                                                                                                      topics id: Default 

race code: 00 

Pu238: 0.0000 +- 

Pu239: 0.0000 +- 

Pu240: 100.0000 +- 

Pu241: 0.0000 +- 

Pu242: 0.0000 +- 

Pu date: 00.01.01 

Am241: 0.0000 +- 

Am date: 00.01.01
                                                                                                                                                                                                                                                                                                                                                                                                    0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                        0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.0000
0.0000
                                                                                                                                                                                                                                                                                                                     0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                      19. 05. 17
0. 0000 +-
19. 05. 17
                                                                                                                                                                                                                                                                                                                        0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.0000
                                                                                                                                                                                                                 1. 50
64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
                                                                                                                   Predelay:
                                                         Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
       Multiplicity deadtime:
Coefficient A deadtime:
       Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                          0.0000
0.0000
                                                                                                                                                                                                                                          0.0001
0.0001
       Normalization constant:
                                                                                                                                                                                                                                       1.0000 +-
                                                                                                                                                                                                                                                                                                                                            0.0000
                                                                                                                                                                                                                                     0.000 +-
0.000 +-
0.000 +-
0.000
0.000
       Passive singles bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000
```

0.000 0.000

(1)

11 60

Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd:

Number passive cycles: Count time (sec):

Passive summed raw data

(2)

Shift register singles sum:

Singles: Doubles: Triples:

Scaler 1: Scaler 2:

224 237

222 229

227 217

221 226

250 235

300 309

335 324

324 334

300 334

306 328

Doubles

1. 950 1. 267

1. 200 1. 883

1. 583 1. 617

1. 950 1. 317 1. 800

0. 933 1. 550

3531 2508

0. 654 0. 102 0. 000 1. 102

Scaler2 QC Tests

Pass Pass

Pass Pass

Pass Pass

Pass Pass 0 0 0

Pass Pass

Mass

0.000 0.000 Pass Pass

0.000 0.000 Pass Pass

0. 000 0. 000 Pass Pass

0. 000 0. 000 0. 000 0. 000 0. 000

QC Tests

Pass Pass

Pass Pass

305719

243. 792 +-1. 550 +-0. 000 +-463. 211 +-0. 000 +-

Scaler1 27451

27566 27683

28219 27726

27906 27948

27661 27685

27997 27877

Triples

0. 000 0. 000 0. 000 0. 000

0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000

Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum:

Passive error messages Known alpha analysis error

Passive cycle raw data Singles Cycle

14739 14853

14587 14760

243. 467 245. 650

247. 550 243. 933

239. 517 244. 167

243. 750 241. 567 243. 000

243. 117 246. 000

Passive cycle rate data Singles

Results

10 11

Cycle

201905_AFAS-P Bottom Fork.txt 201905 AFAS-P Bottom Fork, txt

```
INCC 5. 1. 2
                            Facility: JMOX
   Material balance area:
Detector type:
Detector id:
Electronics id:
                                                   JM2G
AFAS
                                                   JSR_03
JSR-12
    Inventory change code:
I/O code:
           Measurement date:
Results file name:
                                                   19. 05. 17 10:40:45
95HK4045. VER
            Inspection number:
Item id:
Stratum id:
                                                   PWR BF
 Material type:
Original declared mass:
                                                   Pu
0. 000
         Measurement option:
Data source:
QC tests:
                                                  Verification
Review disk file
On
Sample method
           Error calculation:
              into Gardiation Sample method
Cidentals method: Measured
Inspector name: JAEA
Passive comment: AFAS PWR BOTTOM FORK Normalization
         Accidentals method:
                     Isotopics id: Default
   Isotopics source code:
                                                  0D

0.0000 +-

0.0000 +-

100.0000 +-
                                                                                                  0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                              0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                              0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                   Pu238:
                                   Pu239:
                                   Pu240:
                                   Pu241:
                                                      0.0000 +-
0.0000 +-
                                   Pu242:
                               Pu date: 00.01.01
                                                                                                   19. 05. 17
                                                                              0.0000
                                                                                                  0. 0000 +-
19. 05. 17
                                                                                                                              0.0000
                               Am241: 0.0000 +-
Am date: 00.01.01
                             Predelay:
                                                           1.50
               Gate length:
2nd gate length:
                                                         64. 00
64. 00
                 High voltage:
Die away time:
Efficiency:
                                                      1720
50. 0000
                                                           0.0127
0.0000
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                           0.0000
0.0000
                                                           0.0000
0.0001
                                                           0.0001
                                                           1.0000 +-
 Normalization constant:
                                                                                    0.0000
Passive singles bkgrnd:
Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                           0.000 +-
0.000 +-
                                                                                     0. 000
0. 000
                                                           0.000 +-
0.000
                                                                                     0.000
                                                           0.000
   Number passive cycles:
Count time (sec):
                                                                 60
```

(1)

Shift	register real: Shift regis Shift regis		tals sum: tals sum: aler sum:		389908 19829 14575 295120 0
Passive	e error messa	ges			
	sive calibrat wn alpha calil		alibratio	on	
Result					
		Sing Doub Trip Scale Scale	les: les: r 1:	590. 770 7. 961 0. 000 447. 152 0. 000	+ 0.308 + 0.000 + 0.890
Passive	e cycle raw da	ata			
Cycle 1 2 3 4 5 6 7 8 9 10 11 Passive	Singles 35667 35175 35524 35517 35318 35345 35548 35618 35575 35230 35391	R+A 1806 1777 1835 1765 1746 1763 1819 1881 1806 1778 1853	A 1317 1277 1327 1333 1398 1349 1329 1295 1319 1274 1357	Scaler1 26745 26803 26718 26938 26710 27189 26610 26887 26923 26993 26604	Scaler2 QC Tes
Cycle 1 2 3 4 5 6 7 8 9 10	Singles 594, 450 586, 250 592, 067 591, 950 588, 633 589, 083 592, 467 593, 633 592, 917 587, 167 589, 850	Doub I 8. 1: 8. 3: 8. 4: 7. 2: 5. 8: 6. 9: 8. 1: 9. 7: 8. 1 8. 4:	50 33 67 00 00 00 67 67 17	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Te 0.000 Pass

201905_AFAS-P Collar.txt 201905_AFAS-P Collar.txt

```
INCC 5.1.2
```

```
Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
                                                                                                                                                                  JM2G
AFAS
JSR_03
JSR-12
Isotopics id: Default
          Isotopics source code:
Pu238:
                                                                                               topics id: Default 

race code: 00 

Pu238: 0.0000 +- 

Pu239: 0.0000 +- 

Pu240: 100.0000 +- 

Pu241: 0.0000 +- 

Pu242: 0.0000 +- 

Pu date: 00.01.01 

Am241: 0.0000 +- 

Am date: 00.01.01
                                                                                                                                                                                                                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                            0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                  0.0000
0.0000
                                                                                                                                                                                                                                                          0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                    0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                           19. 05. 17
0. 0000 +-
19. 05. 17
                                                                                                                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                    0.0000
                                                                                                                                                                        1. 50
64. 00
64. 00
1720
50. 0000
0. 1620
                                                                                             Predelay:
                                              Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
      Multiplicity deadtime:
Coefficient A deadtime:
                                                                                                                                                                                      86. 5000
0. 3458
      Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                             0. 0299
0. 0000
                                                                                                                                                                                             0.0001
0.0001
      Normalization constant:
                                                                                                                                                                                          1.0000 +-
                                                                                                                                                                                                                                                                            0.0000
                                                                                                                                                                                        0.000 +-
0.000 +-
0.000 +-
0.000
0.000
      Passive singles bkgrnd:
                                                                                                                                                                                                                                                                                0.000
      Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                0. 000
0. 000
          Number passive cycles:
Count time (sec):
```

2758230 2015730 35858

Shift register singles sum:

Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum:

No passive calibration curve calibration No known alpha calibration

Passive summed raw data

Passive error messages

Results

```
7250. 912 +-
1240. 607 +-
0. 000 +-
59. 763 +-
0. 000 +-
                                                                                                                         4. 437
5. 143
0. 000
0. 170
0. 000
                                                       Singles:
                                                       Doubles:
Triples:
                                                      Scaler 1:
Scaler 2:
Passive cycle raw data
Cycle Singles
                                                                                                              Scaler2 QC Tests
                                                                                       Scaler1
                                                                 A
202473
199936
                   435267
434113
                                           276856
274048
                                                                                              3554
3597
                                                                                                                           0
                                                                                                                                  Pass
Pass
                   435210
434280
                                           276597
274731
                                                                   202530
200859
                                                                                              3592
3592
                                                                                                                                   Pass
Pass
                   434170
436561
                                           274341
277727
                                                                   201164
203732
                                                                                              3593
3605
                                                                                                                                  Pass
Pass
                   433791
434448
                                           275599
274997
                                                                   200514
201081
                                                                                              3579
3630
                                                                                                                                  Pass
Pass
    9
10
                   435503
434478
                                          278843
274491
                                                                   202266
201175
                                                                                              3604
3512
                                                                                                                           0
                                                                                                                                 Pass
Pass
Passive cycle rate data
                       Singles
Cycle
                                                                                                                                   QC Tests
                                                                                                                        Mass
                     7259. 004
7239. 746
                                                    1242. 832
1238. 296
                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                      0.000
0.000
                                                                                                                                    Pass
Pass
                     7258. 053
7242. 533
                                                    1237. 552
1234. 287
                                                                                                                      0.000
0.000
                                                                                                                                     Pass
                                                                                                                                     Pass
                     7242. 533
7240. 698
7280. 598
7234. 373
7245. 337
7262. 942
7245. 837
                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
0. 000
                                                    1222. 674
1236. 359
1254. 551
1235. 024
                                                                                                                      0. 000
0. 000
                                                                                                                                     Pass
Pass
                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                                                                                     Pass
Pass
                                                    1279. 493
1224. 999
                                                                                                                                     Pass
Pass
```

201905 AFAS-P Top Fork txt

(1)

INCC 5. 1. 2

Number passive cycles:

Count time (sec):

```
Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_C
Electronics id: JSR_-
                                                JSR_02
JSR-12
   Inventory change code:
I/O code:
         Measurement date:
Results file name:
                                               19. 05. 17 10:16:36
95HK1636. VER
          Inspection number:
Item id:
Stratum id:
                                                PWR TF
Material type:
Original declared mass:
                                                Pu
0. 000
        Measurement option:
Data source:
QC tests:
                                                Verification
Review disk file
                                                On
Sample method
         Error calculation:
             In or Carteriation Sample method
Cidentals method: Measured
Inspector name: JAEA
Passive comment: AFAS PWR TOP FORK Normalization
        Accidentals method:
                   Isotopics id: Default
 Isotopics source code:
                                                0D
0.0000 +-
0.0000 +-
                                                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                 Pu238:
                                                                          0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                         0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                 Pu239:
                                 Pu240:
                                                100.0000 +-
                                 Pu241:
                                                    0.0000 +-
0.0000 +-
                                 Pu242:
                             Pu date: 00.01.01
                                                                                               19. 05. 17
                                                                          0.0000
                                                                                              0. 0000 +-
19. 05. 17
                                                                                                                         0.0000
                             Am241: 0.0000 +-
Am date: 00.01.01
                                                        1.50
                           Predelay:
              Gate length:
2nd gate length:
                                                      64. 00
64. 00
                High voltage:
Die away time:
                                                   1720
50. 0000
                      Efficiency:
                                                        0.0126
0.0000
Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                        0.0000
                                                        0.0000
                                                        0.0000
0.0001
                                                        0.0001
                                                        1.0000 +-
Normalization constant:
                                                                                 0.0000
Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                        0.000 +-
0.000 +-
                                                                                 0. 000
0. 000
Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                        0.000 +-
0.000
                                                                                 0.000
                                                        0.000
```

10 60

(1)

201905 AFAS-P Top Fork txt

(2)

				_		
Passive	summed raw	data				
Shift r	egister real Shift regis Shift regis	egister singl s + accidenta ter accidenta ster 1st scal ster 2nd scal	ıls sum: ıls sum: er sum:		4314 0 2 249773 0	
Passive	error messa	ges				
No know	n alpha cali	oration				
Results						
		Single Double Triple Scaler Scaler	s: s: 1:	7. 190 -0. 003 0. 000 416. 288 0. 000	+ 0.0 + 0.0 + 0.6	02 00 27
Passive	cycle raw d	ata				
Cycle 1 2 3 4 5 6 7 8 9 10	Singles 427 452 421 431 434 452 423 451 414 409	R+A 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	A 0 0 0 1 0 0 0 0 0 0 0 0	Scaler1 25024 25009 25041 24989 24912 24735 24963 25147 24858 25095	0 0 0 0	Pass Pass Pass Pass Pass Pass Pass Pass
Passive	cycle rate	data				
Cycle 1 2 3 4 5 6 7 8	Singles 7. 117 7. 533 7. 017 7. 183 7. 233 7. 533 7. 050 7. 517 6. 900	Doubles 0. 000 0. 000 -0. 017 0. 000 -0. 017 0. 000 0. 000 0. 000		Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000	Pass Pass Pass Pass Pass Pass Pass Pass
10	6. 817	0. 000		0.000	0.000	

201906_AFAS-B Bottom Fork.txt 201906_AFAS-B Bottom Fork.txt

```
INCC 5.1.2
```

```
Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
Detector da:
Electronics id:
Inventory change code:
1/0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
O tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                           19. 06. 05 10:45:57
965K4557. VER
                                                                                                                                                                           XXXX
                                                                                                                                                                    XXXX
Pu
0.000
Verification
Review disk file
On
Sample method
Measured
JAEA
                                                                        Isotopics id: Default
          Isotopics source code:
Pu238:
                                                                                                                                                                       00 0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                         0. 0000
0. 0000
                                                                                                                       Pu239 :
Pu240 :
                                                                                                                                                                                                                                                                                                                                                                                                                                        0.0000
0.0000
                                                                                                                       Pu241:
Pu242:
                                                                                                                                                                                                                                                                         0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                          0. 0000
0. 0000
                                                                                                      Pu date: 00.01.01
Am241: 0.0000
Am date: 00.01.01
                                                                                                                                                                                                                                                                                                                                           19. 06. 05
0. 0000
19. 06. 05
                                                                                                                                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                          0.0000
                                                                                                                                                                               1. 50
64. 00
64. 00
1720
50. 0000
0. 0060
                                                                                                  Predelay:
                                                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
      Multiplicity deadtime:
Coefficient A deadtime:
                                                                                                                                                                                                       0.0000
0.0000
      Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                       0.0000
0.0000
                                                                                                                                                                                                       0.0001
0.0001
      Normalization constant:
                                                                                                                                                                                                     1.0000 +-
                                                                                                                                                                                                                                                                                          0.0000
                                                                                                                                                                                                  0.000 +-
0.000 +-
0.000 +-
0.000
0.000
      Passive singles bkgrnd:
                                                                                                                                                                                                                                                                                              0.000
      Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                              0. 000
0. 000
          Number passive cycles:
Count time (sec):
                                                                                                                                                                                                                            9
60
```

Passive summed raw data Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 10842 8012 5253 Passive error messages No known alpha calibration Results 478. 661 +-5. 241 +-0. 000 +-9. 728 +-0. 000 +-Singles: Doubles: Triples: 0. 204 0. 000 0. 101 Scaler 1: Scaler 2: Passive cycle raw data Cycle Singles Scaler1 Scaler2 QC Tests A 874 1219 28808 28617 1162 1215 896 911 603 584 Pass Pass 1190 1235 1207 1259 28807 28773 906 879 602 545 Pass Pass 28933 28854 868 896 588 591 Pass Pass 28495 28480 1196 1159 900 882 586 589 0 Pass 0 Pass Passive cycle rate data Singles Triples Mass QC Tests Cycle Doubles 0. 000 0. 000 0. 000 0. 000 478. 500 480. 133 5. 750 4. 433 0.000 0.000 Pass Pass 476. 950 480. 117 5. 067 4. 733 0.000 0.000 Pass Pass 479. 550 482. 217 5. 933 5. 650 0.000 0.000 0.000 0.000 Pass Pass 480. 900 474. 917 474. 667 6. 050 4. 933 4. 617 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 Pass Pass

201906 AFAS-B Collar.txt

(1)

Facility: JMOX

INCC 5. 1. 2

Material balance area: Detector type: JM2G AFAS Detector id: Electronics id: JSR-12 Inventory change code: I/O code: Measurement date: Results file name: 19. 06. 04 09:36:57 964J3657. VER

Inspection number: Item id: Stratum id: BWR COLLAR Material type: Original declared mass: Pu 0. 000 Measurement option: Data source: QC tests: Verification Review disk file On Sample method

Error calculation: Accidentals method: Measured JAEA Inspector name: Passive comment:

Isotopics id: Default 0D 0.0000 +-0.0000 +-Isotopics source code: Pu238:

0.0000 +-0.0000 +-100.0000 +-0.0000 +-0.0000 +-0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 Pu239: Pu240: 100.0000 +-Pu241: 0.0000 + 0.0000 + 0.0000 Pu242: Pu date: 00.01.01 19. 06. 04 0.0000 0. 0000 +-19. 06. 04 0.0000 Am241: 0.0000 Am date: 00.01.01 0.0000 +-

1.50 Predelay: Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: 1720 50. 0000 Efficiency: 0. 1970 160. 0000 Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0. 6419 0. 1030 0.0000 0.0001 0.0001

Normalization constant: 1.0000 +-0. 0000 0. 000 Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: 0.000 +-0.000 +-0.000 +-0. 000 0. 000 Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0.000 0.000

10 60 Number passive cycles: Count time (sec):

201906 AFAS-B Collar.txt

(2)

Passive error messages

Known alpha analysis error

Passive summed raw data

Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 5257947 4072579 2947275 17104

Passive results

8775. 595 +-1886. 101 +-0. 000 +-28. 507 +-3. 721 4. 829 0. 000 0. 171 Singles: Doubles: Triples: Scaler 2 0.000 +-0.000

Passive cycle raw data

Singles Cycle Scaler1 Scaler2 QC Tests A 294661 0 0 525530 525268 406978 1755 1676 Pass Pass 406917 294070 293882 525132 404985 1669 Pass 525703 407467 293729 1768 Pass 0 0 0 0 0 0 Pass Pass Pass Pass Pass Pass Pass 525559 407309 295013 1729 526931 409330 295229 1707 1712 525882 407632 294795 525664 407373 295459 1683 1706 525125 406486 293954 10 527153 408102 296483 1699

Passive cycle rate data

Cvcle Singles 8771.171 Doubles 1882. 519 Triples Mass 0. 000 QC Tests Pass 0. 000 0. 000 0. 000 8766. 792 8764. 518 1891. 397 1862. 164 0.000 Pass 0.000 8774.062 1906. 340 0.000 0.000 0.000 Pass Pass 8771. 655 1882, 168 0.000 8794. 586 8777. 054 1912, 449 0.000 0.000 0.000 Pass Pass 1891, 242 0.000 8773.410 1875. 767 1886. 115 0.000 0.000 0.000 Pass Pass 8764, 401 0.000 10 8798 297 1870.853 0.000 0.000

201906_AFAS-B Top Fork.txt 201906_AFAS-B Top Fork.txt

```
INCC 5.1.2
                                                       Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                19. 06. 04 09:20:53
964J2053. VER
```

Detector da:
Electronics id:
Inventory change code:
1/0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
O tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment: BWR TF XXXX Pu 0.000 Verification Review disk file On Sample method Measured JAEA

Isotopics id: Default

Isotopics source code:
Pu238: 00 0000 +-0.0000 +-100.0000 +-0.0000 +-0.0000 +-0.0000 +-0.0000 +-100.0000 +-0.0000 +-0.0000 +-0. 0000 0. 0000 Pu239 : Pu240 : 0. 0000 0. 0000 Pu241: Pu242: 0.0000 0.0000 0. 0000 0. 0000 Pu date: 00.01.01 Am241: 0.0000 Am date: 00.01.01 19. 06. 04 0. 0000 19. 06. 04 0.0000 0.0000

1. 50 64. 00 64. 00 1720 50. 0000 0. 0080 0. 0000 Predelay: Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0.0000 0.0000 0.0001 0.0001

Normalization constant: 1.0000 +-0.000 +-0.000 +-0.000 +-Passive singles bkgrnd Passive doubles bkgrnd Passive triples bkgrnd 0. 000 0. 000 0. 000 Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0.000 0.000

Number passive cycles: Count time (sec):

(1)

Passive error messages Known alpha analysis error

Passive summed raw data

Shift register singles sum: Shift register singlos sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 3190 2267 275164

Passive results

242. 743 +-1. 538 +-0. 000 +-458. 607 +-0. 000 +-Singles: Doubles: Triples: 0. 132 0. 000 Scaler 1: Scaler 2:

Passive cycle raw data

Cycle Singles R+A A 263 216 Scaler2 QC Tests Scaler1 14686 14490 14461 14512 14613 14738 14469 14546 345 324 27613 27627 0 Pass Pass 338 299 219 248 27629 27635 Pass Pass 322 307 226 223 27367 27788 Pass Pass 312 317 194 196 27584 27228 Pass Pass 0 14661 14470 307 319 27306 27387 Pass Pass 9 10

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	244. 767	1. 367	0.000	0.000	Pass
2	241.500	1.800	0.000	0.000	Pass
3	241.017	1. 983	0.000	0.000	Pass
4	241.867	0.850	0.000	0.000	Pass
5	243.550	1.600	0.000	0.000	Pass
6	245. 633	1.400	0.000	0.000	Pass
7	241. 150	1.967	0.000	0.000	Pass
8	242. 433	2. 017	0.000	0.000	Pass
9	244. 350	0. 950	0.000	0.000	Pass
10	241. 167	1. 450	0.000	0.000	Pass

(2)

201906 AFAS-P Bottom Fork, txt

INCC 5. 1. 2

Facility: JMOX Material balance area:
Detector type:
Detector id:
Electronics id: JM2G AFAS JSR-12 Inventory change code: I/O code:

Measurement date: Results file name: 19. 06. 05 10:27:54 965K2754. VER Inspection number: Item id: Stratum id: PWR BF

Material type: Original declared mass: Pu 0. 000 Measurement option: Data source: QC tests: Verification Review disk file On Sample method Error calculation: Accidentals method: Measured JAEA Inspector name:

Passive comment:

Isotopics id: Default 0D 0.0000 +-0.0000 +-Isotopics source code: 0.0000 +-0.0000 +-100.0000 +-0.0000 +-0. 0000 0. 0000 0. 0000 0. 0000 Pu238: Pu239: Pu240: 100.0000 +-

0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 Pu241: 0.0000 + 0.0000 + 0.0000 Pu242: Pu date: 00.01.01 19. 06. 05 0.0000 0. 0000 +-19. 06. 05 0.0000 Am241: 0.0000 +-Am date: 00.01.01 1.50 Predelay:

0.0000

(1)

Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: 1720 50. 0000 Efficiency: 0.0127 0.0000 Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0.0000 0.0000 0.0000 0.0001 0.0001 1.0000 +-

Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: 0.000 +-0.000 +-0. 000 0. 000 0.000 +-0.000 0.000 Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10 60 Count time (sec):

Normalization constant:

Passive summed raw data

Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 351906 17840 264557

Passive error messages

No passive calibration curve calibration No known alpha calibration

Results

586. 510 +-7. 478 +-0. 000 +-Singles: Doubles: Triples: 0.258 0.000 0.962 Scaler 1: Scaler 2: 440.928 +-0.000 +-

201906 AFAS-P Bottom Fork, txt

Passive cycle raw data

Scaler2 QC Tests 0 Pass 0 Pass 0 Pass Cycle Singles Scaler1 A 1305 26609 26576 26529 1775 1836 1845 1780 1702 1760 1779 35545 1397 1374 35239 1397 1304 1346 1334 35418 26706 Pass 0 0 0 0 0 0 Pass Pass Pass Pass Pass Pass Pass 34857 26205 35212 26220 26535 35352 1822 1759 1782 35051 1262 1306 26460 26517 34850 10 35221 1328 26200

Passive cycle rate data

7. 833 7. 317 7. 850 Cvcle Singles 586.017 Triples Mass 0. 000 QC Tests Pass 0. 000 0. 000 0. 000 592. 417 587. 317 0.000 0.000 Pass Pass 590. 300 580. 950 6. 383 6. 633 0.000 0.000 0.000 Pass Pass 0.000 586. 867 589. 200 6. 900 7. 417 0.000 0.000 0.000 0.000 Pass Pass 584. 183 580. 833 9. 333 7. 550 0.000 0.000 0.000 Pass Pass 0.000 587. 017 7.567 0.000 0.000

201906_AFAS-P Collar.txt 201906_AFAS-P Collar.txt

```
INCC 5.1.2
```

```
Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
                                                                                                                                                                                          JM2G
AFAS
JSR_03
JSR-12
Detector id:
Electronics id:
Inventory change code:
1/0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                            19. 06. 05 10:10:50
965K1050. VER
                                                                                                                                                                                          PWR COLLAR
                                                                                                                                                                                     XXXX
Pu
0.000
Verification
Review disk file
On
Sample method
Measured
JAEA
           Isotopics id: Default
Isotopics source code: OD
Pu238: 0.0000
                                                                                                              topics id: Default 

race code: 0D 

Pu238: 0.0000 +- 

Pu2399: 0.0000 +- 

Pu240: 100.0000 +- 

Pu241: 0.0000 +- 

Pu2421: 0.0000 +- 

Pu date: 00.01.01 

Am241: 0.0000 +- 

Am date: 00.01.01
                                                                                                                                                                                                                                                                                                                                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                 0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.0000
0.0000
                                                                                                                                                                                                                                                                                                 0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                             19. 06. 05
0. 0000
19. 06. 05
                                                                                                                                                                                                                                                                                                    0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.0000
                                                                                                                                                                                                   1. 50
64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
                                                                                                            Predelay:
                                                      Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
       Multiplicity deadtime:
Coefficient A deadtime:
       Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                           0. 0299
0. 0000
                                                                                                                                                                                                                           0.0001
0.0001
       Normalization constant:
                                                                                                                                                                                                                        1.0000 +-
                                                                                                                                                                                                                                                                                                                    0.0000
                                                                                                                                                                                                                      0.000 +-
0.000 +-
0.000 +-
0.000
0.000
       Passive singles bkgrnd:
                                                                                                                                                                                                                                                                                                                           0.000
       Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                           0.000
0.000
           Number passive cycles:
Count time (sec):
```

Shift register singles sum: Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 2706355 1969949 35326

Passive error messages

Passive summed raw data

No passive calibration curve calibration No known alpha calibration

Results

7169. 431 +-1230. 390 +-0. 000 +-58. 877 +-0. 000 +-Singles: Doubles: Triples: Scaler 1: Scaler 2: 2. 378 0. 000 0. 252 0. 000

Passive cycle raw data

	•					
Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	430761	271343	197021	3502	0	Pass
2	430434	271215	197342	3604	0	Pass
3	430699	272141	198071	3612	0	Pass
4	429313	270202	196270	3494	0	Pass
5	429602	269748	196623	3520	0	Pass
6	430454	271746	198392	3502	0	Pass
7	429048	269532	196168	3497	0	Pass
8	429206	269829	195926	3478	0	Pass
9	429848	269577	196667	3562	0	Pass
10	429628	271022	197469	3555	0	Pass

Passive cycle rate data

Cycle	Singles	Doub I es	Triples	Mass	QC Tests
1	7183. 810	1241. 781	0.000	0.000	Pass
2	7178. 353	1234. 277	0.000	0.000	Pass
3	7182. 775	1237. 570	0.000	0.000	Pass
4	7159.647	1235. 254	0.000	0.000	Pass
5	7164. 469	1221. 773	0.000	0.000	Pass
6	7178. 687	1225. 605	0.000	0.000	Pass
7	7155. 225	1225. 762	0.000	0.000	Pass
8	7157. 861	1234. 769	0.000	0.000	Pass
9	7168. 574	1218. 183	0.000	0.000	Pass
10	7164. 903	1228. 924	0.000	0.000	Pass

(1) (2)

201906 AFAS-P Top Fork txt

0. 0000 0. 0000 0. 0000 0. 0000 0. 0000

0.0000

INCC 5. 1. 2

```
Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_C
Electronics id: JSR_-
                                               JSR_02
JSR-12
  Inventory change code:
I/O code:
        I/O code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
                                              19. 06. 04 13:20:45
964N2045. VER
                                              PWR TF
Material type:
Original declared mass:
                                              Pu
0. 000
                                             0.000
Verification
Review disk file
On
Sample method
Measured
JAEA
       Measurement option:
Data source:
QC tests:
Error calculation:
       Accidentals method:
              Inspector name:
            Passive comment:
                  Isotopics id: Default
 Isotopics source code:
                                              0D
0.0000 +-
0.0000 +-
                                                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                Pu238:
                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                Pu239:
                                Pu240:
                                               100.0000 +-
                                Pu241:
                                                  0.0000 +-
0.0000 +-
                                Pu242:
                           Pu date: 00.01.01
                                                                                            19. 06. 04
                                                                        0.0000
                                                                                            0. 0000 +-
19. 06. 04
                           Am241: 0.0000 +-
Am date: 00.01.01
                          Predelay:
                                                      1.50
             Gate length:
2nd gate length:
                                                    64. 00
64. 00
 High voltage:
Die away time:
Efficiency:
Multiplicity deadtime:
                                                 1720
50. 0000
```

coefficient A deadtime:	0.0000		
coefficient B deadtime:	0.0000		
coefficient C deadtime:	0.0000		
Doubles gate fraction:	0.0001		
Triples gate fraction:	0.0001		
lormalization constant:	1.0000 +-	0.0000	
assive singles bkgrnd:	0.000 +-	0.000	
assive doubles bkgrnd:	0.000 +-	0.000	
assive triples bkgrnd:	0.000 +-	0.000	
assive scaler1 bkgrnd:	0.000		
'assive scaler2 bkgrnd:	0.000		
Number passive cycles:	10		
Count time (sec):	60		

N

0.0126 0.0000

201906 AFAS-P Top Fork txt

Passive summed raw data

Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register lst scaler sum: Shift register 2nd scaler sum: 4037 247241

Passive error messages

No known alpha calibration

Results

6. 728 +-0. 002 +-0. 000 +-412. 068 +-0. 000 +-Singles: 0.118 Doubles: Triples: Scaler 1: 0. 002 0. 000 0. 712 Scaler 2: 0.000

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	417	0	0	24718	0	Pass
2	433	0	0	24751	0	Pass
3	367	0	0	24533	0	Pass
4	376	1	0	24817	0	Pass
5	395	0	0	24467	0	Pass
6	392	0	0	24917	0	Pass
7	406	0	0	24675	0	Pass
8	404	0	0	24790	0	Pass
9	410	0	0	24774	0	Pass
10	437	0	0	24799	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	6. 950	0.000	0.000	0.000	Pass
2	7. 217	0.000	0.000	0.000	Pass
3	6. 117	0.000	0.000	0.000	Pass
4	6. 267	0.017	0.000	0.000	Pass
5	6. 583	0.000	0.000	0.000	Pass
6	6. 533	0.000	0.000	0.000	Pass
7	6. 767	0.000	0.000	0.000	Pass
8	6. 733	0.000	0.000	0.000	Pass
9	6. 833	0.000	0.000	0.000	Pass
10	7. 283	0.000	0.000	0.000	Pass

(1) (2)

201907_AFAS-B Bottom Fork.txt 201907_AFAS-B Bottom Fork.txt

```
INCC 5.1.2
```

```
Passive summed raw data
        Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
                                                                                                                                     JM2G
AFAS
JSR_02
JSR-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Shift register singles sum:
Shift register reals + accidentals sum:
Shift register accidentals sum:
Shift register 1st scaler sum:
Shift register 2nd scaler sum:
Detector da:
Electronics id:
Inventory change code:
1/0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
O tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                     19. 07. 03 10:49:06
973K4906. VER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Passive error messages
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             No known alpha calibration
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Results
                                                                                                                                       XXXX
                                                                                                                                  Pu
0.000
Verification
Review disk file
On
Sample method
                                                                                                                                     Measured
JAEA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Singles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Cycle
                                                        Isotopics id: Default
        Isotopics source code:
Pu238:
                                                                                                                                  0. 0000 +-
0. 0000 +-
100. 0000 +-
0. 0000 +-
0. 0000 +-
                                                                                                                                                                                                                                                                   0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
10.07.02
                                                                                                                                                                                                               0. 0000
0. 0000
                                                                                             Pu239 :
Pu240 :
                                                                                                                                                                                                                                                                                                                                            0.0000
0.0000
                                                                                             Pu241:
Pu242:
                                                                                                                                                                                                               0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                            0.0000
0.0000
                                                                                Pu date: 00.01.01
Am241: 0.0000
Am date: 00.01.01
                                                                                                                                                                                                                                                                   19. 07. 03
0. 0000
19. 07. 03
                                                                                                                                                                                                               0.0000
                                                                                                                                                                                                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       10
                                                                                                                                       1. 50
64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
                                                                            Predelay:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Passive cycle rate data
                                      Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Cycle
     Multiplicity deadtime:
Coefficient A deadtime:
     Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                           0.0000
0.0000
                                                                                                                                                           0.0001
0.0001
     Normalization constant:
                                                                                                                                                         1.0000 +-
                                                                                                                                                                                                                            0.0000
                                                                                                                                                        0.000 +-
0.000 +-
0.000 +-
0.000
0.000
     Passive singles bkgrnd:
                                                                                                                                                                                                                                0.000
     Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                0.000
0.000
        Number passive cycles:
Count time (sec):
                                                                                                                                                                            10
60
                                                                                                                                                                                                                                                          (1)
```

Number passive cycles:

Count time (sec):

```
INCC 5. 1. 2
                          Facility: JMOX
   Material balance area:
Detector type:
Detector id:
Electronics id:
                                                JM2G
AFAS
                                                 JSR-12
    Inventory change code:
I/O code:
          I/O code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
                                                19. 07. 03 10:36:04
973K3604. VER
                                                BWR COLLAR
 Material type:
Original declared mass:
                                                Pu
0. 000
         Measurement option:
Data source:
QC tests:
                                               Verification
Review disk file
On
Sample method
          Error calculation:
         Accidentals method:
                                                Measured
JAEA
                Inspector name:
              Passive comment:
                    Isotopics id:
                                               Default
                                                0D
0.0000 +-
0.0000 +-
   Isotopics source code:
                                                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
19.07.03
                                                                          0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                       0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                 Pu238:
                                 Pu239:
                                 Pu240:
                                                 100.0000 +-
                                 Pu241:
                                                    0.0000 +
0.0000 +
                                                                          0.0000
                                 Pu242:
                             Pu date: 00.01.01
                                                                          0.0000
                                                                                              0. 0000 +-
19. 07. 03
                                                                                                                       0.0000
                             Am241: 0.0000 +-
Am date: 00.01.01
                                                        1.50
                           Predelay:
               Gate length:
2nd gate length:
                                                      64. 00
64. 00
                High voltage:
Die away time:
Efficiency:
                                                  1720
50. 0000
0. 1970
160. 0000
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                        0.6419
0.1030
                                                        0.0000
                                                        0.0001
                                                        0.0001
                                                        1.0000 +-
 Normalization constant:
                                                                                0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                        0.000 +-
0.000 +-
                                                                                 0. 000
0. 000
                                                        0.000 +-
0.000
                                                                                 0.000
 Passive scaler2 bkgrnd:
                                                        0.000
```

10 60

(1)

201907 AFAS-B Collar.txt

201907 AFAS-B Collar.txt

Passive summed raw data Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 5151748 3931862 2827304 17006

Shift register singles sum:

Singles: Doubles: Triples:

Scaler 1: Scaler 2:

869 887

843 826

855 807

833 832

880

1211

1203 1223

5. 617 5. 567 5. 600

6. 050 5. 867

4. 650 5. 783 4. 900 6. 967 5. 067

28505 28293

28426

28038

28322 28137

27926 28221

28220

Singles 473.083

475. 083 471. 550

473. 767 467. 300

472. 033 468. 950 465. 433 470. 350 470. 333

11870

5820

0. 207 0. 000 0. 119

QC Tests

Pass Pass

Pass Pass

0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass

0.000 0.000 Pass Pass

0.000 0.000 Pass Pass

0. 000 0. 000 0. 000 0. 000 0. 000

QC Tests Mass 0. 000

Pass Pass

Pass Pass

Scaler2

470. 788 +-5. 607 +-0. 000 +-9. 700 +-0. 000 +-

Scaler1

598 600

591 602

567 584 612

Triples 0.000 0.000 0.000

0.000 0.000

0. 000 0. 000 0. 000 0. 000 0. 000

(2)

Passive error messages

Known alpha analysis error

Results

8598. 102 +-1851. 118 +-0. 000 +-28. 343 +-0. 000 +-Singles: 2.654 5. 162 0. 000 0. 225 Doubles: Triples: Scaler 1: Scaler 2: 0.000

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	515060	393444	283678	1677	0	Pass
2	515120	391884	282672	1696	0	Pass
3	515662	393684	283211	1756	0	Pass
4	514797	393372	281653	1641	0	Pass
5	515576	394781	282433	1689	0	Pass
6	514244	391855	281645	1677	0	Pass
7	515249	393983	283876	1696	0	Pass
8	515922	393843	283385	1674	0	Pass
9	514702	391410	281965	1712	0	Pass
10	515416	393606	282786	1788	0	Pass

Passive cycle rate data

Cvcle	Singles	Doubles .	Triples	Mass	QC Tests
Cycle	Singles	Doubles	iripies	mass	uc rests
1	8596. 183	1839. 556	0.000	0.000	Pass
2	8597. 186	1830. 273	0.000	0.000	Pass
3	8606. 244	1851. 416	0.000	0.000	Pass
4	8591. 788	1872. 281	0.000	0.000	Pass
5	8604. 807	1882. 838	0.000	0.000	Pass
6	8582. 546	1846. 981	0.000	0.000	Pass
7	8599. 342	1845. 274	0.000	0.000	Pass
8	8610. 590	1851. 170	0.000	0.000	Pass
9	8590. 200	1834. 169	0.000	0.000	Pass
10	8602. 133	1857. 227	0.000	0.000	Pass

201907_AFAS-B Top Fork.txt 201907_AFAS-B Top Fork.txt

```
INCC 5.1.2
             Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
                                                                                                                                                                                                                     JM2G
AFAS
JSR_01
JSR-12
Detector id:
Electronics id:
Inventory change code:
1/0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
O tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                                     19. 07. 03 10:23:01
973K2301. VER
                                                                                                                                                                                                                  BWR TF
                                                                                                                                                                                                             XXXX
Pu
0.000
Verification
Review disk file
On
Sample method
Measured
JAEA
             Isotopics id: Default
Isotopics source code: OD
Pu238: 0.0000
                                                                                                                             topics id: Default urce code: 0D
Pu238: 0.0000 +-
Pu239: 0.0000 +-
Pu240: 100.0000 +-
Pu241: 0.0000 +-
Pu242!: 0.0000 +-
Pu date: 00.01.01
Am date: 00.01.01
                                                                                                                                                                                                                                                                                                                                                                                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
10.07.02
                                                                                                                                                                                                                                                                                                                                       0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                          0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                            19. 07. 03
0. 0000
19. 07. 03
                                                                                                                                                                                                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.0000
                                                                                                                                                                                                                             1. 50
64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
                                                                                                                          Predelay:
                                                             Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
       Multiplicity deadtime:
Coefficient A deadtime:
       Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                     0.0000
0.0000
0.0001
0.0001
                                                                                                                                                                                                                                                       1.0000 +-
0.000 +-
0.000 +-
0.000 +-
       Normalization constant:
       Passive singles bkgrnd
Passive doubles bkgrnd
Passive triples bkgrnd
                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
```

0.000 0.000

Passive error messages

Known alpha analysis error

Passive summed raw data

Shift register singles sum: Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 2959 2221 269854

Passive results

239. 578 +-1. 230 +-0. 000 +-449. 757 +-0. 000 +-Singles: Doubles: Triples: 0. 097 0. 000 Scaler 1: Scaler 2:

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	14304	264	208	26968	0	Pass
2	14507	292	234	27088	0	Pass
3	14244	317	210	26738	0	Pass
4	14466	314	220	27083	0	Pass
5	14347	282	228	27041	0	Pass
6	14279	298	208	27051	0	Pass
7	14426	293	227	26999	0	Pass
8	14289	290	225	27102	0	Pass
9	14456	298	234	26989	0	Pass
10	14429	311	227	26795	0	Pass

Passive cycle rate data

Cycle	Singles	Doub I es	Triples	Mass	QC Tests
1	238. 400	0. 933	0.000	0.000	Pass
2	241. 783	0.967	0.000	0.000	Pass
3	237. 400	1. 783	0.000	0.000	Pass
4	241. 100	1. 567	0.000	0.000	Pass
5	239. 117	0.900	0.000	0.000	Pass
6	237. 983	1.500	0.000	0.000	Pass
7	240. 433	1. 100	0.000	0.000	Pass
8	238. 150	1.083	0.000	0.000	Pass
9	240. 933	1.067	0.000	0.000	Pass
10	240. 483	1. 400	0.000	0.000	Pass

(2)

201907 AFAS-P Bottom Fork, txt

(1)

Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_C
Electronics id: JSR_-JSR_03 JSR-12 Inventory change code: I/O code:

INCC 5. 1. 2

Passive scaler1 bkgrnd: Passive scaler2 bkgrnd:

Number passive cycles: Count time (sec):

I/O code: Measurement date: Results file name: Inspection number: Item id: Stratum id: 19. 07. 03 13:19:48 973N1948. VER PWR BF

Material type: Original declared mass: Pu 0. 000 Measurement option:
Data source:
QC tests:
Error calculation: Verification Review disk file On Sample method Accidentals method: Measured JAEA Inspector name:

Passive comment:

Isotopics id: Default Isotopics source code: 0D 0.0000 +-0.0000 +-0.0000 +-0.0000 +-100.0000 +-0.0000 +-0.0000 +-19.07.03 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 Pu238: Pu239: Pu240: 100.0000 +-Pu241: 0.0000 + 0.0000 + Pu242: Pu date: 00.01.01 0.0000 0. 0000 +-19. 07. 03 0.0000 Am241: 0.0000 +-Am date: 00.01.01

Predelay: 1.50 Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0.0127 0.0000 Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0.0000 0.0000 0.0000 0.0001 0.0001

Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0.000 +-0.000 +-0. 000 0. 000 0.000 +-0.000 0.000 0.000

1.0000 +-

0.0000

Number passive cycles: 10 60 Count time (sec):

Normalization constant:

201907 AFAS-P Bottom Fork, txt

Passive summed raw data

Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 345838 16994 12819 259719

Passive error messages

Results

No passive calibration curve calibration No known alpha calibration

Singles: Doubles: Triples: Scaler 1: 576. 397 +-6. 958 +-0. 000 +-432. 865 +-0.709 0.361 0.000 0.605

Scaler 2:

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	34469	1650	1294	26104	0	Pass
2	34449	1665	1310	25894	0	Pass
3	34690	1699	1239	25999	0	Pass
4	34565	1633	1324	25936	0	Pass
5	34751	1731	1318	25998	0	Pass
6	34640	1768	1282	26025	0	Pass
7	34686	1697	1269	25931	0	Pass
8	34584	1694	1317	26029	0	Pass
9	34322	1725	1196	26095	0	Pass
10	34682	1732	1270	25708	0	Pass

0.000 +-

Passive cycle rate data

Cvcle	Singles	Doubles .	Triples	Mass	QC Tests
1	574, 483	5, 933	0,000	0.000	Pass
2	574, 150	5, 917	0.000	0.000	Pass
3	578. 167	7. 667	0.000	0.000	Pass
4	576. 083	5. 150	0.000	0.000	Pass
5	579. 183	6. 883	0.000	0.000	Pass
6	577. 333	8. 100	0.000	0.000	Pass
7	578. 100	7. 133	0.000	0.000	Pass
8	576. 400	6. 283	0.000	0.000	Pass
9	572. 033	8. 817	0.000	0.000	Pass
10	578 033	7 700	0.000	0.000	Pace

(1) (2) 201907_AFAS-P Collar.txt 201907_AFAS-P Collar.txt

```
INCC 5.1.2
```

```
Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
                                                                                                                                                                                      JM2G
AFAS
JSR_03
JSR-12
Detector id:
Electronics id:
Inventory change code:
1/0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                        19. 07. 03 11:15:14
973L1514. VER
                                                                                                                                                                                      PWR COLLAR
                                                                                                                                                                                 XXXX
Pu
0.000
Verification
Review disk file
On
Sample method
Measured
JAEA
           Isotopics id: Default
Isotopics source code: OD
Pu238: 0.0000
                                                                                                          topics id: Default urce code: 0D
Pu238: 0.0000 +-
Pu239: 0.0000 +-
Pu240: 100.0000 +-
Pu241: 0.0000 +-
Pu242: 0.0000 +-
Pu4d2: 00.01.01
Am241: 0.0000 +-
Am date: 00.01.01
                                                                                                                                                                                                                                                                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                            0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.0000
0.0000
                                                                                                                                                                                                                                                                                            0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                     19. 07. 03
0. 0000
19. 07. 03
                                                                                                                                                                                                                                                                                              0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.0000
                                                                                                                                                                                               1. 50
64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
                                                                                                          Predelay:
                                                     Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
      Multiplicity deadtime:
Coefficient A deadtime:
      Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                      0. 0299
0. 0000
                                                                                                                                                                                                                      0.0001
0.0001
      Normalization constant:
                                                                                                                                                                                                                  1.0000 +-
                                                                                                                                                                                                                                                                                                            0.0000
                                                                                                                                                                                                                  0.000 +-
0.000 +-
0.000 +-
0.000 --
0.000
      Passive singles bkgrnd:
                                                                                                                                                                                                                                                                                                                     0.000
      Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                     0.000
0.000
           Number passive cycles:
Count time (sec):
                                                                                                                                                                                                                                             10
60
```

Shift register singles sum:

Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 2609151 1892123 34378

Passive error messages

Passive summed raw data

No passive calibration curve calibration No known alpha calibration

Singles:	7021.466 +	4.831
Doubles:	1197.952 +-	3.096
Triples:	0.000 +-	0.000
Scaler 1:	57. 297 +-	0.352
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Test:
1	421303	259904	188697	3521	0	Pass
2	421340	261678	190060	3476	0	Pass
3	419500	259033	188030	3460	0	Pass
4	420549	260636	188465	3382	0	Pass
5	420671	259753	189035	3528	0	Pass
6	420062	260871	188345	3351	0	Pass
7	422402	262537	190388	3471	0	Pass
8	422043	261888	189774	3355	0	Pass
9	421839	261916	189926	3460	0	Pass
10	420614	260935	189403	3374	0	Pass

Passive cycle rate data

1 4001 40	Oyoto rate da	Lu			
Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	7025. 983	1189. 670	0.000	0.000	Pass
2	7026. 600	1196. 537	0.000	0.000	Pass
3	6995. 896	1186. 250	0.000	0.000	Pass
4	7013. 401	1205. 771	0.000	0.000	Pass
5	7015. 437	1181. 496	0.000	0.000	Pass
6	7005. 274	1211. 698	0.000	0.000	Pass
7	7044. 322	1205. 416	0.000	0.000	Pass
8	7038. 331	1204. 829	0.000	0.000	Pass
9	7034. 927	1202. 756	0.000	0.000	Pass
10	7014. 486	1195. 095	0.000	0.000	Pass

(1) (2)

201907 AFAS-P Top Fork txt

Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd:

Number passive cycles: Count time (sec):

```
INCC 5, 1, 2
   Facility: JMOX
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_C
Electronics id: JSR-1
                                                       JSR_02
JSR-12
    Inventory change code:
I/O code:
           I/O code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
                                                     19. 07. 03 11:02:10
973L0210. VER
                                                      PWR TF
                                                    XXXX
Pu
0.000
Verification
Review disk file
On
Sample method
Measured
JAEA
  Material type:
Original declared mass:
          Measurement option:
Data source:
QC tests:
Error calculation:
          Accidentals method:
                  Inspector name:
                Passive comment:
                      Isotopics id: Default
                                                     0D

0.0000 +-

0.0000 +-

100.0000 +-

0.0000 +-
   Isotopics source code:
                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
19.07.03
                                     Pu238 :
Pu239 :
                                                                                    0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                       0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                      Pu240:
                                      Pu241:
                                      Pu242:
                                 Pu date: 00.01.01
                                                                                                         0. 0000 + 0. 0000
19. 07. 03
                                Am241: 0.0000 + 0.0000
Am date: 00.01.01
                               Predelay:
                                                               1.50
                 Gate length:
2nd gate length:
                                                             64. 00
64. 00
                  High voltage:
Die away time:
Efficiency:
                                                        1720
50. 0000
0. 0126
0. 0000
Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                               0.0000
0.0000
                                                               0.0000
0.0001
                                                               0.0001
  Normalization constant:
                                                               1.0000 +-
                                                                                          0.0000
```

0.000 +-0.000 +-

0.000 +-0.000

10 60

0.000

0. 000 0. 000

0.000

201907 AFAS-P Top Fork txt

Passive summed raw data

4156	Shift register singles sum	
2	Shift register reals + accidentals sum	
2	Shift register accidentals sum	
243087	Shift register 1st scaler sum	
0	Shift register 2nd scalar sum	

Passive error messages

No known alpha calibration

Results

Singles:	6. 927 +-	0.119
Doubles:	0.000 +-	0.004
Triples:	0.000 +-	0.000
Scaler 1:	405, 145 +-	1, 123
Caalan O:	0.000 +	0.000

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaleri	Scaler2	QC Tests
1	436	0	0	24465	0	Pass
2	376	0	1	24323	0	Pass
3	428	0	1	24443	0	Pass
4	405	0	0	24468	0	Pass
5	423	0	0	24136	0	Pass
6	401	1	0	24323	0	Pass
7	401	1	0	24661	0	Pass
8	431	0	0	24253	0	Pass
9	402	0	0	24038	0	Pass
10	453	0	0	23977	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles -	Triples	Mass	QC Tests
1	7. 267	0.000	0.000	0.000	Pass
2	6. 267	-0. 017	0.000	0.000	Pass
3	7. 133	-0. 017	0.000	0.000	Pass
4	6. 750	0.000	0.000	0.000	Pass
5	7.050	0.000	0.000	0.000	Pass
6	6.683	0.017	0.000	0.000	Pass
7	6.683	0.017	0.000	0.000	Pass
8	7. 183	0.000	0.000	0.000	Pass
9	6. 700	0.000	0.000	0.000	Pass
10	7. 550	0.000	0.000	0.000	Pass

(1) (2) 201908_AFAS-B Bottom Fork.txt 201908_AFAS-B Bottom Fork.txt

```
INCC 5. 1. 2
```

```
Passive summed raw data
      Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Shift register singles sum:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Shift register reals + accidentals sum:
Shift register accidentals sum:
Shift register accidentals sum:
Shift register 1st scaler sum:
Shift register 2nd scaler sum:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         11104
7983
5228
                                                                                                       19. 08. 09 11:13:08
989L1308. VER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Passive error messages
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           No known alpha calibration
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Results
                                                                                                    Pu
0.000
Verification
Review disk file
On
Sample method
Measured
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 457. 682 +-
5. 202 +-
0. 000 +-
8. 713 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0. 821
0. 184
0. 000
0. 098
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Singles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Scaler1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Scaler2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              QC Tests
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              A
736
                                           Isotopics id: Default
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1108
      Isotopics source code:
Pu238:
                                                                                                     0. 0000 +-
0. 0000 +-
100. 0000 +-
0. 0000 +-
0. 0000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1075
1114
1154
1119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    27629
27430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     786
799
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 509
                                                                                                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                               0. 0000
0. 0000
                                                                        Pu239 :
Pu240 :
                                                                                                                                                                                                                                                                0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    27700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   801
767
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 519
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    27409
                                                                        Pu241:
Pu242:
                                                                                                                                                               0.0000
0.0000
                                                                                                                                                                                                                                                                0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    27556
27382
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1119
1124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   831
828
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 513
516
                                                             Pu date: 00.01.01
Am241: 0.0000
Am date: 00.01.01
                                                                                                                                                                                                       19. 08. 09
0. 0000
19. 08. 09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1098
1062
1131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    27311
27276
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   817
792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 554
507
                                                                                                                                                               0.0000
                                                                                                                                                                                                                                                                0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   27627
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   826
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 552
                                                                                                           1. 50
64. 00
64. 00
1720
50. 0000
0. 0060
                                                           Predelay:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Passive cycle rate data
                             Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Singles
454.817
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Doubles
6. 200
4. 817
5. 250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Triples
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mass
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        460. 483
457. 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.000
0.000
   Multiplicity deadtime:
Coefficient A deadtime:
                                                                                                                       0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        461. 667
456. 817
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5. 883
5. 867
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.000
0.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.000
0.000
   Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        459. 267
456. 367
455. 183
454. 600
460. 450
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4. 800
4. 933
4. 683
4. 500
5. 083
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                       0.0000
0.0000
                                                                                                                       0.0001
0.0001
   Normalization constant:
                                                                                                                      1.0000 +-
                                                                                                                                                                          0.0000
                                                                                                                      0.000 +-
0.000 +-
0.000 +-
0.000
0.000
   Passive singles bkgrnd:
                                                                                                                                                                            0.000
   Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                            0. 000
0. 000
      Number passive cycles:
Count time (sec):
                                                                                                                                    10
60
                                                                                                                                                                                                 (1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (2)
```

201908 AFAS-B Collar.txt

201908 AFAS-B Collar.txt

```
INCC 5. 1. 2
```

Facility: JMOX Material balance area: Detector type: JM2G AFAS Detector id: Electronics id: JSR-12 Inventory change code: I/O code: Measurement date: Results file name: 19. 08. 09 11:00:14 989L0014. VER Inspection number: Item id: Stratum id: BWR COLLAR Material type: Original declared mass: Pu 0. 000 Measurement option: Data source: QC tests: Verification Review disk file On Sample method Error calculation: Inspector name: JAEA
Passive comment: AFAS BWR COLLAR Accidentals method: Isotopics id: Default 0D 0.0000 +-0.0000 +-100.0000 +-Isotopics source code: 0.0000 +-0.0000 +-100.0000 +-0.0000 +-0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 Pu238: Pu239: Pu240: Pu241: 0.0000 + 0.0000 + 0.0000 Pu242: Pu date: 00.01.01 19, 08, 09 0.0000 0. 0000 +-19. 08. 09 0.0000 Am241: 0.0000 Am date: 00.01.01 0.0000 +-Predelay: 1.50 Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: 1720 50. 0000 Efficiency: 0. 1970 160. 0000 Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0. 6419 0. 1030 0.0000 0.0001 0.0001 1.0000 +-Normalization constant: 0.0000

0.000 +-0.000 +-

0.000 +-0.000

10 60

0.000

0. 000 0. 000

0.000

Passive singles bkgrnd: Passive doubles bkgrnd:

Passive triples bkgrnd: Passive scaler1 bkgrnd:

Passive scaler2 bkgrnd:

Number passive cycles:

Count time (sec):

Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 5019348 3760281 2686266 16613 Passive error messages Known alpha analysis error Results

> 6. 586 4. 957 0. 000 0. 131 8376, 833 +-Singles: 1799. 676 +-0. 000 +-27. 688 +-0. 000 +-Doubles: Triples: Scaler 1: Scaler 2: 0.000

Pass Pass

Pass Pass

Pass Pass

QC Tests

Pass Pass

Pass Pass

Pass Pass

Pass Pass

Passive cycle raw data

Passive summed raw data

Cycle Singles R+A 374726 A 267387 268918 Scaler1 Scaler2 QC Tests 501539 501840 1634 1647 0 0 0 375620 377317 Pass 503056 269148 266165 1662 499727 373112 1635 Pass Pass Pass Pass Pass Pass Pass 500671 502145 375608 267100 1663 0 0 0 0 0 1633 1669 1701 376214 268285 271302 504036 377672 270132 502215 376188 501189 375703 268572 269257 10 378121 502930 1699

Passive cycle rate data

Cvcle Singles Triples Mass QC Tests 8370. 219 8375. 249 1798. 621 1787. 953 0. 000 0. 000 0.000 0.000 Pass Pass 8395.570 1812. 558 1792. 018 0.000 0.000 0.000 8339. 938 0.000 8355.713 1818, 192 0.000 0.000 0.000 Pass Pass 8380, 346 1808, 519 0.000 8411. 948 8381. 516 1782. 432 1777. 135 0.000 0.000 0.000 Pass Pass 0.000 8364.370 1795, 129 0.000 0.000 0.000 0.000 8393, 465 1824, 202

(1)

201908_AFAS-B Top Fork.txt 201908_AFAS-B Top Fork.txt

```
INCC 5.1.2
          Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
                                                                                                                                                                           JM2G
AFAS
JSR_01
JSR-12
19. 08. 09 10:46:10
989K4610. VER
                                                                                                                                                                       Pu
0.000
Verification
Review disk file
On
Sample method
Measured
                                                                         Isotopics id: Default
          Isotopics source code:
Pu238:
                                                                                                     topics id: Default 

race code: 0D 

Pu238: 0.0000 +- 

Pu2399: 0.0000 +- 

Pu240: 100.0000 +- 

Pu241: 0.0000 +- 

Pu2421: 0.0000 +- 

Pu date: 00.01.01 

Am241: 0.0000 +- 

Am date: 00.01.01
                                                                                                                                                                                                                                                                                                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                          0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                         0.0000
0.0000
                                                                                                                                                                                                                                                                        0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                           0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                             19. 08. 09
0. 0000
19. 08. 09
                                                                                                                                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                           0.0000
                                                                                                                                                                              1. 50
64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
                                                                                                  Predelay:
                                                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
      Multiplicity deadtime:
Coefficient A deadtime:
      Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                       0.0000
0.0000
                                                                                                                                                                                                       0.0001
0.0001
      Normalization constant:
                                                                                                                                                                                                     1.0000 +-
                                                                                                                                                                                                                                                                                           0.0000
                                                                                                                                                                                                   0.000 +-
0.000 +-
0.000 +-
0.000
0.000
      Passive singles bkgrnd:
                                                                                                                                                                                                                                                                                                0.000
```

Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd:

Number passive cycles: Count time (sec):

INCC 5. 1. 2

Passive summed raw data

Shift register singles sum: Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 2940 2023 262264

Passive error messages

Known alpha analysis error

Results

232. 197 +-1. 528 +-0. 000 +-437. 107 +-0. 000 +-Singles: Doubles: Triples: 0. 818 0. 141 0. 000 0. 971 Scaler 1: Scaler 2:

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	13745	268	192	25992	0	Pass
2	14024	326	212	26544	0	Pass
3	13936	325	204	26187	0	Pass
4	13812	316	185	25908	0	Pass
5	13725	288	217	26370	0	Pass
6	14054	286	209	26298	0	Pass
7	14210	305	186	26183	0	Pass
8	13814	279	199	26333	0	Pass
9	13976	272	197	26286	0	Pass
10	14022	275	222	26163	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	229.083	1. 267	0.000	0.000	Pass
2	233. 733	1. 900	0.000	0.000	Pass
3	232. 267	2.017	0.000	0.000	Pass
4	230. 200	2. 183	0.000	0.000	Pass
5	228. 750	1. 183	0.000	0.000	Pass
6	234. 233	1. 283	0.000	0.000	Pass
7	236. 833	1. 983	0.000	0.000	Pass
8	230. 233	1. 333	0.000	0.000	Pass
9	232. 933	1. 250	0.000	0.000	Pass
10	233. 700	0. 883	0.000	0.000	Pass

(1) (2)

201908 AFAS-P Bottom Fork, txt

0. 000 0. 000

10 60

201908 AFAS-P Bottom Fork, txt

333617 16369

11710 252209

Facility: JMOX Material balance area:
Detector type:
Detector id:
Electronics id: JM2G AFAS JSR_03 JSR-12 Inventory change code: I/O code: Measurement date: Results file name: 19. 08. 09 13:28:21 989N2821. VER Inspection number: Item id: Stratum id: PWR BF Material type: Original declared mass: Pu 0. 000 Measurement option: Data source: QC tests: Verification Review disk file On Sample method Error calculation: Inspector name: JAEA
Passive comment: AFAS PWR BOTTOM Accidentals method: Isotopics id: Default Isotopics source code: 0D 0.0000 +-0.0000 +-100.0000 +-0.0000 +-0.0000 +-100.0000 +-0.0000 +-0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 Pu238: Pu239: Pu240: Pu241: 0.0000 +-0.0000 +-Pu242: Pu date: 00.01.01 19, 08, 09 0.0000 0.0000 +-19.08.09 0.0000 Am241: 0.0000 +-Am date: 00.01.01 1.50 Predelay: Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0.0127 0.0000 Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0.0000 0.0000 0.0000 0.0001 0.0001

1.0000 +-

0.000 +-0.000 +-

0.000 +-0.000

10 60

0.000

0.0000

0. 000 0. 000

0.000

Normalization constant:

Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd:

Passive scaler2 bkgrnd:

Number passive cycles:

Count time (sec):

No passive calibration curve calibration No known alpha calibration Results 556. 028 +-7. 765 +-0. 000 +-Singles: Doubles: Triples: 2. 611 0. 259 0.000 0.614 Scaler 1: Scaler 2: 420.348 +-0.000 +-Passive cycle raw data

Cycle Singles Scaler1 A 1078 32012 33587 33497 25413 25249 25142 1525 1595 1634 1198 33392 33771 1612 1763 1622 1641 1647 1636 1137 1210 25176 25077 33723 33432 1193 1245 25248 25116 33436 33447 1161 25155 1198 25214 33320 1694 1155 25419

Passive cycle rate data

Passive summed raw data

Passive error messages

Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum:

	-				
Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	533. 533	7. 450	0.000	0.000	Pass
2	559. 783	7. 667	0.000	0.000	Pass
3	558. 283	7. 267	0.000	0.000	Pass
4	556. 533	7. 917	0.000	0.000	Pass
5	562.850	9. 217	0.000	0.000	Pass
6	562.050	7. 150	0.000	0.000	Pass
7	557. 200	6.600	0.000	0.000	Pass
8	557. 267	8. 100	0.000	0.000	Pass
9	557. 450	7. 300	0.000	0.000	Pass
10	555. 333	8. 983	0.000	0.000	Pass

(1) (2) 201908_AFAS-P Collar.txt 201908_AFAS-P Collar.txt

```
INCC 5.1.2
```

```
Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
                                                                                                                                                                      JM2G
AFAS
JSR_03
JSR-12
19. 08. 09 13:15:17
989N1517. VER
                                                                                                                                                                Pu 0.000
Verification
Review disk file
On
Sample method
Measured
JAEA
          Isotopics id: Default
Isotopics source code: OD
Pu238: 0.0000
                                                                                                  topics id: Default 

race code: 00 

Pu238: 0.0000 +- 

Pu239: 0.0000 +- 

Pu240: 100.0000 +- 

Pu241: 0.0000 +- 

Pu242: 0.0000 +- 

Pu date: 00.01.01 

Am241: 0.0000 +- 

Am date: 00.01.01
                                                                                                                                                                                                                                                                                                                                   0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                               0. 0000
0. 0000
                                                                                                                                                                                                                                                                0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                               0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                   19. 08. 09
0. 0000
19. 08. 09
                                                                                                                                                                                                                                                                  0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                               0.0000
                                                                                                                                                                             1. 50
64. 00
64. 00
1720
50. 0000
0. 1620
                                                                                                Predelay:
                                                Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
      Multiplicity deadtime:
Coefficient A deadtime:
                                                                                                                                                                                           86. 5000
0. 3458
      Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                  0.0000
0.0000
                                                                                                                                                                                                  0.0001
0.0001
      Normalization constant:
                                                                                                                                                                                                1.0000 +-
                                                                                                                                                                                                                                                                                   0.0000
                                                                                                                                                                                             0.000 +-
0.000 +-
0.000 +-
0.000
0.000
      Passive singles bkgrnd:
                                                                                                                                                                                                                                                                                       0.000
      Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                       0. 000
0. 000
          Number passive cycles:
Count time (sec):
```

Shift register singles sum: 4103502 Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 2501093 1796939 33735

Passive error messages

Passive summed raw data

No passive calibration curve calibration No known alpha calibration

Results

6843. 215 +-1176. 369 +-0. 000 +-56. 225 +-0. 000 +-4. 105 3. 796 0. 000 0. 218 0. 000 Singles: Doubles: Triples: Scaler 1: Scaler 2:

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	410288	249784	180842	3392	0	Pass
2	411098	251264	179872	3383	0	Pass
3	410270	250127	179142	3438	0	Pass
4	410724	251165	180107	3382	0	Pass
5	408888	248688	178603	3364	0	Pass
6	411197	250551	180800	3383	0	Pass
7	409790	249346	178957	3316	0	Pass
8	411030	251040	180332	3385	0	Pass
9	410812	250281	179588	3293	0	Pass
10	409405	248847	178696	3399	0	Pass

Passive cycle rate data

	-				
Cycle	Singles	Doub I es	Triples	Mass	QC Tests
1	6842. 177	1151. 754	0.000	0.000	Pass
2	6855. 693	1192. 689	0.000	0.000	Pass
3	6841.877	1185. 884	0.000	0.000	Pass
4	6849. 452	1187. 107	0.000	0.000	Pass
5	6818. 816	1170. 839	0.000	0.000	Pass
6	6857. 345	1165. 275	0.000	0.000	Pass
7	6833.867	1175. 924	0.000	0.000	Pass
8	6854. 558	1181. 262	0.000	0.000	Pass
9	6850. 921	1181.010	0.000	0.000	Pass
10	6827. 443	1171. 945	0.000	0.000	Pass

(1) (2)

201908 AFAS-P Top Fork txt

INCC 5. 1. 2

Facility: JMOX

```
Material balance area:
Detector type:
Detector id:
Electronics id:
                                          JM2G
AFAS
                                           JSR_02
JSR-12
  Inventory change code:
I/O code:
        Measurement date:
Results file name:
                                          19. 08. 09 11:26:12
989L2612. VER
        Inspection number:
Item id:
Stratum id:
                                          PWR TF
Material type:
Original declared mass:
                                          Pu
0. 000
      Measurement option:
Data source:
QC tests:
                                          Verification
Review disk file
On
Sample method
        Error calculation:
           cidentals method: Measured
Inspector name: JAEA
Passive comment: AFAS PWR TOP
      Accidentals method:
                 Isotopics id: Default
 Isotopics source code:
                                          0D
0.0000 +-
0.0000 +-
                                                                                    0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                  0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                             Pu238:
                             Pu239:
                             Pu240:
                                           100.0000 +-
                             Pu241:
                                             0.0000 +-
0.0000 +-
                                                                  0.0000
                             Pu242:
                         Pu date: 00.01.01
                                                                                    19, 08, 09
                                                                  0.0000
                                                                                    0. 0000 +-
19. 08. 09
                                                                                                           0.0000
                         Am241: 0.0000 +-
Am date: 00.01.01
                       Predelay:
                                                 1.50
            Gate length:
2nd gate length:
                                                64. 00
64. 00
```

High voltage: Die away time: Efficiency: 1720 50. 0000 0.0126 0.0000 Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0.0000 0.0000 0.0000 0.0001 0.0001 1.0000 +-Normalization constant: 0.0000 Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0.000 +-0.000 +-0. 000 0. 000 0.000 +-0.000 0.000 0.000

10 60

(1)

Number passive cycles: Count time (sec):

201908 AFAS-P Top Fork txt

Passive summed raw data

Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 3889 236425

Passive error messages

No known alpha calibration

Results

6. 482 +-0. 002 +-0. 000 +-394. 042 +-0. 000 +-Singles: 0.134 Doubles: Triples: Scaler 1: 0. 003 0. 000 1. 156 Scaler 2: 0.000

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	375	0	0	23964	0	Pass
2	354	0	0	23365	0	Pass
3	395	1	0	23772	0	Pass
4	424	0	0	23621	0	Pass
5	383	0	0	23747	0	Pass
6	349	0	0	23862	0	Pass
7	383	0	0	23534	0	Pass
8	418	1	0	23768	0	Pass
9	413	0	1	23512	0	Pass
10	205	0	0	22200	0	Dooo

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	6. 250	0.000	0.000	0.000	Pass
2	5. 900	0.000	0.000	0.000	Pass
3	6. 583	0.017	0.000	0.000	Pass
4	7. 067	0.000	0.000	0.000	Pass
5	6. 383	0.000	0.000	0.000	Pass
6	5. 817	0.000	0.000	0.000	Pass
7	6. 383	0.000	0.000	0.000	Pass
8	6. 967	0.017	0.000	0.000	Pass
9	6. 883	-0. 017	0.000	0.000	Pass
10	6. 583	0.000	0.000	0.000	Pass

201909_AFAS-B Bottom Fork.txt 201909_AFAS-B Bottom Fork.txt

```
INCC 5.1.2
```

```
Facility: JMOX
Material balance area: JM2G
Detector type: JSR_02
Detector id: JSR_02
Electronics id: JSR-12
Detector id:
Electronics id:
Inventory change code:
1/0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
Of tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                        19. 09. 09 10:05:47
999K0547. VER
                                                                                        BWR BF
XXXX
                                                                                     Pu 0.000
Verification
Review disk file
On
Sample method
Measured
     Isotopics id: Default
Isotopics source code: CO
Pu238: 0.0000
                                                   topics id: Default urce code: CO
Pu238: 0.0000 +-
Pu239: 0.0000 +-
Pu240: 100.0000 +-
Pu241: 0.0000 +-
Pu242!: 0.0000 +-
Pu date: 00.01.01
Am date: 00.01.01
                                                                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                       0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                          0.0000
0.0000
                                                                                                                                        0.0000
0.0000
                                                                                                                                                                                                                           0.0000
0.0000
                                                                                                                                                                          19. 09. 09
0. 0000
19. 09. 09
                                                                                                                                        0.0000
                                                                                                                                                                                                                           0.0000
                                                                                           1. 50
64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
                         Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
   Multiplicity deadtime:
Coefficient A deadtime:
  Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                     0.0000
0.0000
0.0001
0.0001
   Normalization constant:
                                                                                                      1.0000 +-
                                                                                                                                                 0.0000
                                                                                                    0.000 +-
0.000 +-
0.000 +-
0.000
0.000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                   0.000
                                                                                                                                                   0. 000
0. 000
     Number passive cycles:
Count time (sec):
```

Passive error messages

No known alpha calibration

Results

447. 263 +-4. 980 +-0. 000 +-8. 860 +-0. 000 +-Singles: Doubles: Triples: 0.824 0. 219 0. 000 0. 144 0. 000 Scaler 1: Scaler 2:

Passive cycle raw data

	-,					
Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	26709	1091	753	495	0	Pass
2	27012	1045	763	559	0	Pass
3	26745	1095	743	525	0	Pass
4	27064	1119	820	542	0	Pass
5	26700	1054	825	558	0	Pass
6	26866	1017	720	534	0	Pass
7	26613	990	746	545	0	Pass
8	26908	1103	756	477	0	Pass
9	27005	1117	798	525	0	Pass
10	26736	1041	760	556	0	Pass

Passive cycle rate data

*				
Singles	Doubles	Triples	Mass	QC Tests
445. 150	5. 633	0.000	0.000	Pass
450. 200	4. 700	0.000	0.000	Pass
445. 750	5. 867	0.000	0.000	Pass
451.067	4. 983	0.000	0.000	Pass
445.000	3.817	0.000	0.000	Pass
447. 767	4. 950	0.000	0.000	Pass
443. 550	4. 067	0.000	0.000	Pass
448. 467	5. 783	0.000	0.000	Pass
450.083	5. 317	0.000	0.000	Pass
445. 600	4. 683	0.000	0.000	Pass
	Singles 445. 150 450. 200 445. 750 451. 067 445. 000 447. 767 443. 550 448. 467 450. 083	Singles Doubles 445, 150 5, 633 450, 200 4, 700 445, 750 5, 867 451, 067 4, 983 445, 000 3, 817 447, 767 4, 950 448, 467 5, 783 450, 083 5, 317	Singles Doubles Triples 445, 150 5, 633 0, 000 450, 200 4, 700 0, 000 445, 750 5, 867 0, 000 445, 1067 4, 983 0, 000 447, 767 4, 983 0, 000 447, 767 4, 950 0, 000 443, 550 4, 067 0, 000 448, 467 5, 783 0, 000 450, 083 5, 317 0, 000	Singles Doubles Triples Mass 445, 150 5, 633 0,000 0,000 450, 200 4,700 0,000 0,000 445, 750 5, 867 0,000 0,000 451, 067 4,983 0,000 0,000 447, 000 3, 817 0,000 0,000 447, 767 4,950 0,000 0,000 443, 550 4,067 0,000 0,000 448, 467 5,783 0,000 0,000 450,083 5,317 0,000 0,000

201909 AFAS-B Collar.txt

(1)

Facility: JMOX
Material balance area: JM2G
Detector type: JSR_G
Detector id: JSR_G
Electronics id: JSR_G JM2G JSR_01 JSR_01 JSR-12 Inventory change code: I/O code: 19. 09. 09 09:50:12 999J5012. VER

INCC 5. 1. 2

I/O code: Measurement date: Results file name: Inspection number: Item id: Stratum id: BWR COLLAR Pu
0.000
Verification
Review disk file
On
Sample method
Measured Material type: Original declared mass:

Measurement option:
Data source:
QC tests:
Error calculation: Accidentals method: Inspector name Passive comment:

Isotopics id: Default s source code: C0 Pu238: 0.0000 +-Pu239: 0.0000 +-Isotopics source code: 0.0000 +-0.0000 +-100.0000 +-0.0000 +-0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 Pu240: 100.0000 +-Pu241: 0.0000 + 0.0000 + Pu242: Pu date: 00.01.01 19, 09, 09 0.0000 0.0000 +-19.09.09 0.0000 Am241: 0.0000 +-Am date: 00.01.01

(1)

1.50

Gate length: 2nd gate length: 64. 00 64. 00 2nd gate length:
High voltage:
Die away time:
Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction: 1720 50. 0000 0. 1970 160. 0000 0. 6419 0. 1030 0.0000 0.0001 0.0001 1.0000 +-Normalization constant: 0.0000

Predelay:

Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0.000 +-0.000 +-0. 000 0. 000 0.000 +-0.000 0.000 0.000

Number passive cycles: Count time (sec): 10 60 201909 AFAS-B Collar.txt

Passive error messages

No known alpha calibration

Results

Singles: Doubles: Triples: Scaler 1: Scaler 2: 8187. 499 +-1756. 668 +-6. 041 7. 130 0.000 +-27.163 +-0.000 0.183 0.000 +-0.000

(2)

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Test
1	489005	358301	255395	1575	0	Pass
2	491046	362849	257921	1650	0	Pass
3	490367	360616	256150	1639	0	Pass
4	491708	363082	256405	1604	0	Pass
5	489727	360012	256521	1657	0	Pass
6	491407	363081	256670	1601	0	Pass
7	491910	364375	258067	1643	0	Pass
8	488941	358647	255339	1650	0	Pass
9	490079	361251	256553	1686	0	Pass
10	491859	363192	257909	1593	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	8160.764	1724. 108	0.000	0.000	Pass
2	8194. 870	1758. 023	0.000	0.000	Pass
3	8183. 523	1750. 270	0.000	0.000	Pass
4	8205. 932	1787. 340	0.000	0.000	Pass
5	8172.829	1733. 923	0.000	0.000	Pass
6	8200. 902	1782. 877	0.000	0.000	Pass
7	8209.308	1781. 161	0.000	0.000	Pass
8	8159.694	1730. 842	0.000	0.000	Pass
9	8178. 711	1754. 152	0.000	0.000	Pass
10	8208. 455	1763. 987	0.000	0.000	Pass

201909_AFAS-B Top Fork.txt 201909_AFAS-B Top Fork.txt

```
INCC 5. 1. 2
```

Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12

19. 09. 09 09:33:08 999J3308. VER BWR TF

Detector Id.
Electronics id.
Inventory change code:
1/0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
Of tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment: Pu
0.000
Verification
Review disk file
On
Sample method
Measured

Isotopics id: Default Isotopics source code:
Pu238: 0. 0000 +-0. 0000 +-100. 0000 +-0. 0000 +-0. 0000 +-0.0000 +-0.0000 +-100.0000 +-0.0000 +-0.0000 +-0. 0000 0. 0000 0. 0000 Pu239 : Pu240 : Pu241: Pu242: 0.0000 0.0000

Pu date: 00.01.01 Am241: 0.0000 Am date: 00.01.01 1.50 64.00 64.00 1720 Predelay: Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency:

50. 0000 0. 0080 0. 0000 0. 0000 Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0.0000 0.0000 0.0001 0.0001 Normalization constant: 1.0000 +-

0.0000 0.000 +-0.000 +-0.000 +-0.000 0.000 Passive singles bkgrnd: 0.000 Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0. 000 0. 000

10 60 Number passive cycles: Count time (sec):

(1)

0.0000 0.0000

0.0000 0.0000

0.0000

19. 09. 09 0. 0000 19. 09. 09

0.0000

Passive error messages

No known alpha calibration

Results

227. 772 +-1. 300 +-0. 000 +-426. 275 +-0. 000 +-0. 756 0. 155 0. 000 0. 389 Singles: Doubles: Triples: Scaler 1: Scaler 2:

Passive cycle raw data

Singles Cycle Scaler1 25443 Scaler2 QC Tests Pass Pass Pass 0 0 0 0 0 0 0 0 207 223 184 190 13862 13817 308 245 259 275 302 297 25603 25533 13779 25627 25645 Pass Pass 13576 212 179 13682 13424 25500 25555 Pass Pass 13670 13774 253 280 219 193 25618 Pass Pass 25689 25552 10 13554 Pass 264

Passive cycle rate data

Triples 0.000 0.000 0.000 Singles 225.417 Cycle Doubles 1. 567 Mass 0.000 0.000 0.000 QC Tests 231. 033 230. 283 1. 683 0. 367 Pass Pass 229. 650 226. 267 1. 250 1. 417 0.000 0.000 0.000 0.000 Pass Pass 1. 500 1. 967 0. 567 1. 450 0. 000 0. 000 0. 000 0. 000 228. 033 223. 733 0.000 0.000 Pass Pass 227. 833 229. 567 0.000 0.000 Pass Pass 10 225.900 1. 233 0.000 0.000 Pass

201909 AFAS-P Bottom Fork.txt

INCC 5. 1. 2

Facility: JMOX Material balance area:
Detector type:
Detector id:
Electronics id: JM2G JSR_03 JSR 03 JSR-12 Inventory change code: I/O code:

Measurement date: Results file name: 19. 09. 09 10:51:45 999K5145. VER Inspection number: Item id: Stratum id:

PWR BF Material type: Original declared mass: Pu 0. 000 Measurement option: Data source: QC tests: Verification Review disk file On Sample method Error calculation:

Accidentals method: Measured Inspector name Passive comment:

Isotopics id: Default CO 0.0000 +-0.0000 +-Isotopics source code: Pu238:

0. 0000 0. 0000 0. 0000 0. 0000 0.0000 +-0.0000 +-00.0000 +-0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 Pu239: 100. 0000 0. 0000 0. 0000 Pu240: 100.0000 +-Pu241: 0.0000 +-0.0000 +-Pu242: 0.0000 Pu date: 00. 01. 01 19, 09, 09 0.0000 0.0000 Am241: 0.0000 Am date: 00.01.01 0.0000 +-0.0000 19.09.09

Predelay: 1.50 Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0.0127 0.0000 Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0.0000 0.0000 0.0000 0.0001 0.0001

Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: 0.000 +-0.000 +-0. 000 0. 000 0.000 +-0.000 0.000 Passive scaler2 bkgrnd: 0.000

1.0000 +-

0.0000

(1)

Number passive cycles: Count time (sec): 10 60

Normalization constant:

201909 AFAS-P Bottom Fork, txt

(2)

Passive error messages

No known alpha calibration

Results

Singles: Doubles: Triples: Scaler 1: Scaler 2: 548. 788 +-7. 063 +-0. 000 +-411. 163 +-1.327 0.246 0.000 0.582 0.000 +-0.000

Passive cycle raw data

Cycle Singles A 1177 1128 Scaler2 QC Tests Scaler1 0 0 33147 32930 1576 1581 1554 1512 1617 1533 1572 1584 24593 24577 Pass 1112 1171 1174 32879 24695 32500 24812 0 0 0 0 0 0 Pass Pass Pass Pass Pass Pass Pass 33372 24893 32775 1166 1174 24530 32629 24685 24647 33016 1116 1598 1163 1131 24605 24661 10 32962 1623

Passive cycle rate data

Singles 552. 450 548. 833 547. 983 541. 667 556. 200 Cvcle Doubles Triples Mass QC Tests 6. 650 7. 550 7. 367 0. 000 0. 000 0.000 0.000 Pass Pass 0.000 0.000 0.000 5. 683 0.000 7. 383 6. 117 0.000 0.000 0.000 Pass Pass 546, 250 0.000 543.817 6. 633 7. 800 0.000 0.000 0.000 Pass Pass 550, 267 0.000 551.050 549.367 0.000 0.000 0.000 0.000 Pass 8. 200

201909_AFAS-P Collar.txt 201909_AFAS-P Collar.txt

```
INCC 5.1.2
```

```
Facility: JMOX
Material balance area: JM2G
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
Detector Id.
Electronics id.
Inventory change code:
1/0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
Of tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                             19. 09. 09 10:35:40
999K3540. VER
                                                                             PWR COLLAR
                                                                           Pu 0.000
Verification
Review disk file
On
Sample method
Measured
                                Isotopics id: Default
    Isotopics source code:
Pu238:
                                             topics id: Default urce code: CO
Pu238: 0.0000 +-
Pu239: 0.0000 +-
Pu240: 100.0000 +-
Pu241: 0.0000 +-
Pu242!: 0.0000 +-
Pu date: 00.01.01
Am date: 00.01.01
                                                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                      0. 0000
0. 0000
0. 0000
                                                                                                                                                                                              0.0000
0.0000
                                                                                                                       0.0000
0.0000
                                                                                                                                                                                               0.0000
0.0000
                                                                                                                                                     19. 09. 09
0. 0000
19. 09. 09
                                                                                                                       0.0000
                                                                                                                                                                                               0.0000
                                                                               1. 50
64. 00
64. 00
1720
50. 0000
0. 1620
                                            Predelay:
                      Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
  Multiplicity deadtime:
Coefficient A deadtime:
                                                                                      86. 5000
0. 3458
  Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                         0. 0299
0. 0000
                                                                                         0.0001
0.0001
  Normalization constant:
                                                                                        1.0000 +-
                                                                                                                               0.0000
                                                                                       0.000 +-
0.000 +-
0.000 +-
0.000
0.000
  Passive singles bkgrnd:
                                                                                                                                 0.000
  Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                 0.000
0.000
    Number passive cycles:
Count time (sec):
                                                                                                   10
60
```

Passive error messages

No known alpha calibration

Results

6696. 385 +-1144. 587 +-0. 000 +-54. 997 +-0. 000 +-Singles: Doubles: Triples: 4. 662 3. 654 0. 000 0. 333 0. 000 Scaler 1: Scaler 2:

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	401245	241038	171663	3275	0	Pass
2	402745	242345	173269	3410	0	Pass
3	400499	239230	170361	3251	0	Pass
4	401917	241426	172898	3251	0	Pass
5	402177	241240	173759	3218	0	Pass
6	400322	239376	170350	3275	0	Pass
7	400935	239612	171677	3394	0	Pass
8	401531	239780	172376	3343	0	Pass
9	402919	241981	173500	3281	0	Pass
10	401216	240973	171984	3300	0	Pass
9	402919	241981	173500	3281	0	Pass

No known alpha calibration

6.650

6. 400

6. 600 6. 433

Cycle	Singles	Doub I es	Triples	Mass	QC Tests
1	6691. 286	1158. 928	0.000	0.000	Pass
2	6716. 315	1153. 944	0.000	0.000	Pass
3	6678. 838	1150. 471	0.000	0.000	Pass
4	6702.499	1144. 784	0.000	0.000	Pass
5	6706. 838	1127. 295	0.000	0.000	Pass
6	6675. 885	1153. 092	0.000	0.000	Pass
7	6686. 114	1134. 871	0.000	0.000	Pass
8	6696.058	1126.004	0.000	0.000	Pass
9	6719. 219	1144. 005	0.000	0.000	Pass
10	6690. 802	1152. 480	0.000	0.000	Pass

(2)

201909 AFAS-P Top Fork txt

201909 AFAS-P Top Fork txt

(1)

Passive error messages

Facility: JMOX Material balance area: JM2G Detector type: JSR_02 Detector id: JSR_02 Electronics id: JSR-12

INCC 5. 1. 2

Inventory change code: I/O code:

I/O code: Measurement date: Results file name: Inspection number: Item id: Stratum id: 19. 09. 09 10:21:37 999K2137. VER PWR TF

Material type: Original declared mass: Pu 0. 000 Measurement option: Data source: QC tests: Verification Review disk file On Sample method Error calculation: Measured

Accidentals method: Inspector name Passive comment:

Isotopics id: Default s source code: C0 Pu238: 0.0000 +-Pu239: 0.0000 +-Isotopics source code: 0.0000 +-0.0000 +-100.0000 +-0.0000 +-0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 Pu240: 100.0000 +-Pu241: 0.0000 + 0.0000 + 0.0000 Pu242: Pu date: 00.01.01 19, 09, 09 0.0000 0.0000 +-19.09.09 0.0000 Am241: 0.0000 +-Am date: 00.01.01

1.50

Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0. 0126 0. 0000 Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0.0000 0.0000 0.0000 0.0001 0.0001 1.0000 +-Normalization constant: 0.0000

Predelay:

Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0.000 +-0.000 +-0. 000 0. 000 0.000 +-0.000 0.000 0.000

Number passive cycles: Count time (sec): 10 60 Results Singles: Doubles: Triples: Scaler 1: Scaler 2: 6. 470 +-0. 000 +-0. 000 +-385. 077 +-0.095 0.004 0.000 1.022 0.000 +-0.000 Passive cycle raw data Cycle Singles Scaler2 QC Tests R+A Α Scaler1 405 411 22914 22752 0 0 0 0 0 0 0 0 0 Pass 22990 404 23269 Pass Pass Pass Pass Pass Pass Pass 358 23078 376 23312 399 384 23343 23275 23096 10 386 23017 Passive cycle rate data Cvcle Singles Doubles Triples Mass QC Tests 0.000 0.000 0.000 0.000 6. 750 6. 850 0. 017 0. 000 0. 000 0. 017 0. 000 -0. 017 0. 000 0. 000 0.000 0.000 Pass Pass 6.050 0.000 6. 733 0.000 5. 967 6. 267 0.000 0.000 0.000 Pass Pass 0.000

-0. 017 0. 000

0.000 0.000

0.000 0.000

0.000 0.000 Pass Pass

0.000 0.000

(1) (2)

201910_AFAS-B Bottom Fork.txt 201910_AFAS-B Bottom Fork.txt

```
INCC 5.1.2
```

```
Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
                                                                                                                                                                                                JM2G
AFAS
JSR_02
JSR-12
Detector da:
Electronics id:
Inventory change code:
1/0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
O tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                19. 10. 07 10:05:24
9A7K0524. VER
                                                                                                                                                                                              BWR BF
XXXX
                                                                                                                                                                                         XXXX
Pu
0.000
Verification
Review disk file
On
Sample method
Measured
JAEA
                                                                                 Isotopics id: Default
            Isotopics source code:
Pu238:
                                                                                                                 topics id: Default urce code: 0D
Pu238: 0.0000 +-
Pu239: 0.0000 +-
Pu240: 100.0000 +-
Pu241: 0.0000 +-
Pu242!: 0.0000 +-
Pu date: 00.01.01
Am date: 00.01.01
                                                                                                                                                                                                                                                                                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                        0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.0000
0.0000
                                                                                                                                                                                                                                                                                                          0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                     19. 10. 07
0. 0000
19. 10. 07
                                                                                                                                                                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.0000
                                                       Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                        1. 50
64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
       Multiplicity deadtime:
Coefficient A deadtime:
       Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                0.0000
0.0000
                                                                                                                                                                                                                                0. 0001
0. 0001
       Normalization constant:
                                                                                                                                                                                                                                1.0000 +-
                                                                                                                                                                                                                                                                                                                              0.0000
    Passive singles bkgrnd:
Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                           0.000 +-
0.000 +-
0.000 +-
0.000
0.000
                                                                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                                                                                   0.000
0.000
            Number passive cycles:
Count time (sec):
                                                                                                                                                                                                                                                        10
60
                                                                                                                                                                                                                                                                                                                                                                         (1)
```

Passive summed raw data

Passive error messages No known alpha calibration

Passive cycle raw data Singles Cycle

26289 26250

26083 26363

25743 26335

26161 26512

26176

438. 150 437. 500

434. 717 439. 383

429. 050 438. 917 436. 017 441. 867 436. 267

Passive summed raw data

8035. 405 8020. 567

1726. 047 1701. 588

Passive cycle rate data Singles 434.633

10

Cycle

Results

Shift register singles sum:

Singles: Doubles: Triples:

Scaler 1: Scaler 2:

1124 1084

1025

Doubles 4. 800 5. 350 3. 667

5. 450 5. 667

5. 267 6. 033 5. 733 5. 000 4. 883

10446 7335 4962

1. 100 0. 209 0. 000 0. 109 0. 000

QC Tests

Pass Pass

O Pass
O Pass
O Pass
O Pass
O Pass
O Pass
O Pass
O Pass
O Pass

Mass 0. 000

0.000 0.000 Pass Pass

0.000 0.000 Pass Pass

0. 000 0. 000 0. 000 0. 000 0. 000

QC Tests Pass

Pass Pass

Pass Pass

Scaler2

436. 650 +-5. 185 +-0. 000 +-8. 270 +-0. 000 +-

Scaler1 494

525 508 508

475 465 499

Triples 0.000 0.000 0.000

0.000 0.000

0. 000 0. 000 0. 000 0. 000 0. 000

(2)

Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum:

201910 AFAS-B Collar.txt 201910 AFAS-B Collar.txt

```
II
```

Number passive cycles:

Count time (sec):

INCC 5. 1. 2				
Facility: Material balance area: Detector type: Detector id: Electronics id: Inventory change code:	JMOX JM2G AFAS JSR_01 JSR-12			
I/O code: Measurement date: Results file name: Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests: Error calculation: Accidentals method: Inspector name: Passive comment:				
Isotopics id: Isotopics source code: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default 0D 0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 0.0000 +- 00.01.01 0.0000 +- 00.01.01	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	0.0000 + 0.0000 + 100.0000 + 0.0000 + 0.0000 + 19.10.07 0.0000 + 19.10.07	- 0. 0000 - 0. 0000 - 0. 0000 - 0. 0000
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1970 160. 0000 0. 6419 0. 1030 0. 0000 0. 0001			
Normalization constant:	1.0000 +-	0. 0000		
Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd:	0.000 +- 0.000 +- 0.000 +- 0.000 0.000	0. 000 0. 000 0. 000		

10 60

(1)

Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 4809923 3495041 2468053 15368 Passive error messages Known alpha analysis error Results 4. 063 4. 930 0. 000 0. 172 8026, 871 +-Singles: Doubles: Triples: Scaler 1: 1720. 489 +-0. 000 +-25. 613 +-0. 000 +-Scaler 2: 0.000 Passive cycle raw data R+A 350291 348854 Cycle Singles A 247941 246290 247058 246264 Scaler1 Scaler2 QC Tests 1562 1516 1517 481465 480372 0 0 0 0 0 0 0 0 0 Pass Pass 481048 349633 1502 1504 1531 1612 1547 1544 350957 481694 Pass Pass Pass Pass Pass Pass Pass 481458 349436 248033 247153 481844 479350 350137 347406 350257 244959 246886 480574 481503 349976 246946 246523 10 348094 1533 480615 Passive cycle rate data Cvcle Singles Triples Mass QC Tests 0.000 0.000 0.000 0.000 8034. 770 8016. 506 1714. 654 1718. 219 0.000 0.000 Pass Pass 8027. 802 8038. 596 1718. 416 1753. 910 0.000 0.000 8034. 653 8041. 103 1698. 789 0.000 0.000 0.000 Pass Pass 1725, 282 0.000 7999. 429 8019. 882 1716. 240 1731. 742 0.000 0.000 0.000 0.000 Pass Pass

(2)

0.000 0.000

0.000 0.000

201910_AFAS-B Top Fork.txt 201910_AFAS-B Top Fork.txt

```
INCC 5. 1. 2
```

```
Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
Detector da:
Electronics id:
Inventory change code:
1/0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
O tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                    19. 10. 07 09:35:38
9A7J3538. VER
                                                                                                                                                                  BWR TF
                                                                                                                                                                Pu
0.000
Verification
Review disk file
On
Sample method
                                                                                                                                                                    Measured
JAEA
                                                                     Isotopics id:
                                                                                                                                                                  Default
          Isotopics source code:
Pu238:
                                                                                                                                                                00 0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                               0. 0000
0. 0000
                                                                                                                   Pu239 :
Pu240 :
                                                                                                                                                                                                                                                                                                                                                                                                                         0.0000
0.0000
                                                                                                                   Pu241:
Pu242:
                                                                                                                                                                                                                                                               0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                         0.0000
0.0000
                                                                                                  Pu date: 00.01.01
Am241: 0.0000
Am date: 00.01.01
                                                                                                                                                                                                                                                                                                                                 19. 10. 07
                                                                                                                                                                                                                                                               0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                                                                                 0. 0000
19. 10. 07
                                                                                                                                                                          1. 50
64. 00
64. 00
1720
50. 0000
0. 0080
                                                                                              Predelay:
                                               Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
      Multiplicity deadtime:
Coefficient A deadtime:
                                                                                                                                                                                               0.0000
0.0000
      Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                               0.0000
0.0000
                                                                                                                                                                                               0.0001
0.0001
      Normalization constant:
                                                                                                                                                                                               1.0000 +-
                                                                                                                                                                                                                                                                               0.0000
                                                                                                                                                                                             0.000 +-
0.000 +-
0.000 +-
0.000
0.000
      Passive singles bkgrnd:
                                                                                                                                                                                                                                                                                   0.000
      Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                   0.000
0.000
          Number passive cycles:
Count time (sec):
                                                                                                                                                                                                                    10
60
                                                                                                                                                                                                                                                                                                                    (1)
```

(1)

Singles: Doubles: Triples:

Scaler 1: Scaler 2:

189 190

212 177 171

R+A 279

269 288

269 284

258 230

257 233

262

Doubles 1.550

1. 333 1. 633

0. 950 1. 833

1. 250 0. 667

0. 750 0. 933 1. 517

2629 1884 251345

> 0.560 0.126 0.000 0.525

> > QC Tests

Pass Pass

Pass Pass

Pass Pass

Pass Pass

Pass

QC Tests

Pass Pass

Pass

Pass

0 0 0

Mass 0. 000

0.000 0.000 Pass Pass

0.000 0.000 Pass Pass

0. 000 0. 000 0. 000 0. 000 0. 000

Scaler2

222. 367 +-1. 242 +-0. 000 +-418. 908 +-0. 000 +-

Scaler1 25304

25240 25042

25161 25038

25120 25088

25133 24993

25226

Triples 0.000 0.000 0.000

0.000 0.000

0. 000 0. 000 0. 000 0. 000 0. 000

(2)

(2)

Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum:

Passive summed raw data

Passive error messages Known alpha analysis error

Passive cycle raw data Singles

13355 13250

13207 13338

13309 13391

13329 13310

13325

Singles 226.767

222. 583 220. 833

220. 117 222. 300

221. 817 223. 183 222. 150

221. 833 222. 083

Passive cycle rate data

Results

Cycle

10

Cycle

201910 AFAS-P Bottom Fork, txt 201910 AFAS-P Bottom Fork txt INCC 5. 1. 2 Passive error messages Facility: JMOX No passive calibration curve calibration No known alpha calibration Material balance area: Detector type: JM2G AFAS Detector id: Electronics id: Passive summed raw data JSR-12 Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: Inventory change code: I/O code: 319663 15429 Measurement date: Results file name: 19. 10. 07 10:52:41 9A7K5241. VER 10889 242224 Inspection number: Item id: Stratum id: PWR BF Passive results Material type: Original declared mass: Pu 0. 000 532. 772 +-7. 567 +-0. 000 +-403. 707 +-0. 000 +-0. 954 0. 331 0. 000 0. 891 Singles: Measurement option: Data source: QC tests: Doubles: Triples: Scaler 1: Scaler 2: Verification Review disk file On Sample method Error calculation: 0.000 Accidentals method: Measured JAEA Inspector name: Passive cycle raw data Passive comment: A 1107 1130 Cycle Singles Scaler1 Scaler2 QC Tests Isotopics id: Default 31930 31905 1493 1524 1465 1565 1567 1564 1571 1514 24145 24056 0 0D 0.0000 +-0.0000 +-Isotopics source code: Pass 0. 0000 0. 0000 0. 0000 0. 0000 0.0000 +-0.0000 +-00.0000 +-0.0000 +-0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 Pu238: 31801 24148 1046 Pu239: 31652 24059 Pass Pass Pass Pass Pass Pass Pass 100. 0000 0. 0000 0. 0000 Pu240: 100.0000 +-32112 1038 1076 24488 0 0 0 0 0 24382 Pu241: 0.0000 + 0.0000 + 31856 Pu242: 0.0000 31914 32198 1073 24204 24449 Pu date: 00, 01, 01 19, 10, 07 1126 0.0000 0.0000 Am241: 0.0000 Am date: 00.01.01 0.0000 +-0.0000 +-19.10.07 32083 32212 1532 1068 24020 24273 10 1634 1129 Predelay: 1.50 Passive cycle rate data Gate length: 2nd gate length: 64. 00 64. 00 Cvcle Singles Doubles Triples Mass QC Tests High voltage: Die away time: 1720 50. 0000 532. 167 531. 750 6. 433 6. 567 0. 000 0. 000 0.000 0.000 Pass Pass Efficiency: 0.0127 0.0000 530. 017 527. 533 6. 150 8. 650 0.000 0.000 0.000 Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0.000 0.0000 535. 200 530. 933 8. 817 8. 133 0.000 0.000 0.000 Pass Pass 0.0000 0.000 0.0000 0.0001 531. 900 536. 633 8. 300 6. 467 0.000 0.000 0.000 Pass Pass 0.000 0.0001 534. 717 536. 867 7. 733 8. 417 0.000 0.000 0.000 0.000 Normalization constant: 1.0000 + 0. 0000 0. 000 Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: 0.000 +-0.000 +-0.000 +-0. 000 0. 000 Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0.000 0.000 10 60 Number passive cycles: Count time (sec):

201910_AFAS-P Collar.txt 201910_AFAS-P Collar.txt

Passive error messages

Passive summed raw data

Passive results

Passive cycle raw data Singles 393254 Cycle

392608 392910

392818 394198

393650 392947

393996 392073

392772

Passive cycle rate data

Singles 6557.950

6547. 171 6552. 210

6550. 675 6573. 701

6564. 558 6552. 828

6570. 331

6538. 245 6549. 908

10

Cycle

No passive calibration curve calibration No known alpha calibration

Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum:

Shift register singles sum:

233290 230737 231286

234316 231376

231954

Doubles 1125. 533

1102. 226 1125. 096

1117. 378 1128. 796

1125. 586 1128. 454 1152. 699

1143. 399 1115. 925

Singles: Doubles: Triples: Scaler 1: Scaler 2:

164224 166324

165521 164535

165311 162927

165150

3931226

2322964 1648589

32067

3. 461 4. 434 0. 000 0. 271

0.000

QC Tests

Pass Pass

Pass Pass

Pass Pass

Pass Pass

Pass

QC Tests

Pass Pass

Pass

Pass

0 0 0

Mass 0.000

0.000 0.000 Pass Pass

0.000 0.000 Pass Pass

0. 000 0. 000 0. 000 0. 000 0. 000

Scaler2

6555. 758 +-1126. 509 +-0. 000 +-53. 445 +-0. 000 +-

Scaler1

3242 3282

3173 3162

3235 3227

3198 3109

3255

Triples 0.000 0.000 0.000

0.000 0.000

0. 000 0. 000 0. 000 0. 000 0. 000

(2)

```
INCC 5. 1. 2
              Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
                                                                                                                                                                                                                                      JM2G
AFAS
JSR_03
JSR-12
Detector da:
Electronics id:
Inventory change code:
1/0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
O tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                                                      19. 10. 07 10:36:36
9A7K3636. VER
                                                                                                                                                                                                                                   PWR COLLAR
                                                                                                                                                                                                                              XXXX
Pu
0.000
Verification
Review disk file
On
Sample method
Measured
JAEA
                                                                                                  Isotopics id:
                                                                                                                                                                                                                                   Default
              Isotopics source code:
Pu238:
                                                                                                                                                                                                                                   0. 0000 +-
0. 0000 +-
100. 0000 +-
0. 0000 +-
0. 0000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                     0. 0000
0. 0000
                                                                                                                                                                 Pu239 :
Pu240 :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0. 0000
0. 0000
                                                                                                                                                                 Pu241:
Pu242:
                                                                                                                                                                                                                                                                                                                                                                     0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0. 0000
0. 0000
                                                                                                                                          Pu date: 00.01.01
Am241: 0.0000
Am date: 00.01.01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  19. 10. 07
                                                                                                                                                                                                                                                                                                                                                                     0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0. 0000
19. 10. 07
                                                                                                                                                                                                                                               1. 50
64. 00
64. 00
1720
50. 0000
                                                                                                                                    Predelay:
                                                                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
```

0.1620

86. 5000 0. 3458

0.0299 0.0000

0.0001 0.0001

0.000 0.000

1.0000 +-0.000 +-0.000 +-0.000 +-

0. 000 0. 000 0. 000

Multiplicity deadtime: Coefficient A deadtime:

Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:

Normalization constant:

Passive singles bkgrnd Passive doubles bkgrnd Passive triples bkgrnd

Passive scaler1 bkgrnd: Passive scaler2 bkgrnd:

Number passive cycles: Count time (sec):

Number passive cycles:

Count time (sec):

(1)

201910 AFAS-P Top Fork txt 201910 AFAS-P Top Fork txt

```
INCC 5. 1. 2
                       Facility: JMOX
   Material balance area:
Detector type:
                                          JM2G
AFAS
              Detector id:
Electronics id:
                                           JSR-12
   Inventory change code:
I/O code:
         Measurement date:
Results file name:
                                           19.10.07 10:21:28
                                          9A7K2128, VER
          Inspection number:
Item id:
Stratum id:
                                          PWR TF
 Material type:
Original declared mass:
                                          Pu
0. 000
        Measurement option:
Data source:
QC tests:
                                          Verification
Review disk file
                                          On
Sample method
          Error calculation:
        Accidentals method:
                                          Measured
JAEA
              Inspector name:
             Passive comment:
                  Isotopics id:
                                          Default
                                          0D
0.0000 +-
0.0000 +-
   Isotopics source code:
                                                                 0. 0000
0. 0000
0. 0000
0. 0000
                                                                                      0.0000 +-
0.0000 +-
00.0000 +-
0.0000 +-
                                                                                                          0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                             Pu238:
                             Pu239:
                                                                                   100. 0000
0. 0000
0. 0000
                             Pu240:
                                           100.0000 +-
                             Pu241:
                                             0.0000 +
0.0000 +
                              Pu242:
                                                                  0.0000
                          Pu date:
                                         00, 01, 01
                                                                                   19, 10, 07
                                                                  0.0000
                                                                                                         0.0000
                          Am241: 0.0000
Am date: 00.01.01
                                             0.0000 +-
                                                                                   0.0000 +-
19.10.07
                                                 1.50
                        Predelay:
             Gate length:
2nd gate length:
                                                64. 00
64. 00
               High voltage:
Die away time:
                                             1720
50. 0000
                    Efficiency:
                                                 0.0126
0.0000
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                  0.0000
                                                  0.0000
                                                  0.0000
                                                  0.0001
                                                 0.0001
                                                 1.0000 +-
 Normalization constant:
                                                                       0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                 0.000 +-
0.000 +-
                                                                       0. 000
0. 000
                                                 0.000 +-
0.000
                                                                       0.000
 Passive scaler2 bkgrnd:
                                                 0.000
```

10 60

(1)

Passive summed raw data Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 3697 225375 Passive error messages No known alpha calibration Results 6. 162 +-0. 003 +-0. 000 +-375. 625 +-0. 000 +-Singles: 0.122 Doubles: Triples: Scaler 1: Scaler 2: 0. 005 0. 000 0. 738 0.000 Passive cycle raw data Cycle Singles R+A Α Scaler1 Scaler2 QC Tests 22491 22731 0 0 0 0 0 0 0 0 0 414 Pass 22601 354 22639 Pass Pass Pass Pass Pass Pass Pass 386 369 22684 22313 349 352 22561 22559 22471 10 376 22325 Passive cycle rate data Cvcle Singles Doubles Triples Mass QC Tests 0. 017 -0. 017 0. 000 0. 000 5. 583 6. 900 0. 000 0. 000 0.000 0.000 Pass Pass 6. 483 5. 900 0.000 0.000 0.000 0.000 6. 433 6. 150 0.000 0.017 0.000 0.000 0.000 Pass Pass 0.000 5. 817 5. 867 -0. 017 0. 000 0.000 0.000 0.000 Pass Pass 0.000 6. 217 6. 267 0. 033 0. 000 0.000 0.000 0.000 0.000

201911_AFAS-B Bottom Fork.txt 201911_AFAS-B Bottom Fork.txt

```
INCC 5.1.2
```

```
Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
                                                                                                                                                                                              JM2G
AFAS
JSR_02
JSR-12
Detector da:
Electronics id:
Inventory change code:
1/0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
O tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                              19. 11. 05 10:10:05
9B5K1005. VER
                                                                                                                                                                                                XXXX
                                                                                                                                                                                      XXXX
Pu
0.000
Verification
Review disk file
On
Sample method
Measured
JAEA
           Isotopics id: Default
Isotopics source code: OD
Pu238: 0.0000
                                                                                                               topics id: Default urce code: 0D
Pu238: 0.0000 +-
Pu239: 0.0000 +-
Pu240: 100.0000 +-
Pu241: 0.0000 +-
Pu242!: 0.0000 +-
Pu date: 00.01.01
Am date: 00.01.01
                                                                                                                                                                                                                                                                                                                                                                                0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                    0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.0000
0.0000
                                                                                                                                                                                                                                                                                                      0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                19. 11. 05
0. 0000
19. 11. 05
                                                                                                                                                                                                                                                                                                      0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.0000
                                                                                                                                                                                                1. 50
64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
                                                                                                             Predelay:
                                                      Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
       Multiplicity deadtime:
Coefficient A deadtime:
       Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                          0.0000
0.0000
0.0001
0.0001
       Normalization constant:
                                                                                                                                                                                                                          1.0000 +-
                                                                                                                                                                                                                                                                                                                         0.0000
                                                                                                                                                                                                                        0.000 +-
0.000 +-
0.000 +-
0.000
0.000
       Passive singles bkgrnd:
                                                                                                                                                                                                                                                                                                                              0.000
       Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
           Number passive cycles:
Count time (sec):
                                                                                                                                                                                                                                                                                                                                                                    (1)
```

Shift register singles sum:

Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 9970 7008 5129

Passive error messages

Passive summed raw data

No known alpha calibration

Results

430. 122 +-4. 937 +-0. 000 +-8. 548 +-0. 000 +-0. 777 0. 183 0. 000 0. 113 0. 000 Singles: Doubles: Triples: Scaler 1: Scaler 2:

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	25775	1020	704	521	0	Pass
2	25818	978	687	535	0	Pass
3	25788	985	737	491	0	Pass
4	25636	929	615	504	0	Pass
5	25947	1000	707	509	0	Pass
6	26036	1029	713	547	0	Pass
7	25785	1037	690	496	0	Pass
8	25523	1026	696	494	0	Pass
9	25872	960	712	540	0	Pass
10	25893	1006	747	492	0	Pass

Passive cycle rate data

Cvcle	Singles	Doubles	Triples	Mass	QC Tests
1	429, 583	5. 267	0,000	0.000	Pass
2	430. 300	4. 850	0.000	0.000	Pass
3	429.800	4. 133	0.000	0.000	Pass
4	427. 267	5. 233	0.000	0.000	Pass
5	432. 450	4. 883	0.000	0.000	Pass
6	433. 933	5. 267	0.000	0.000	Pass
7	429. 750	5. 783	0.000	0.000	Pass
8	425. 383	5. 500	0.000	0.000	Pass
9	431. 200	4. 133	0.000	0.000	Pass
10	431.550	4. 317	0.000	0.000	Pass

(2)

201911 AFAS-B Collar.txt

INCC 5. 1. 2

```
Facility: JMOX
 Material balance area:
Detector type:
Detector id:
Electronics id:
                                                  JM2G
AFAS
                                                  JSR_01
JSR-12
   Inventory change code:
I/O code:
         I/O code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
                                                  19. 11. 05 09:55:04
9B5J5504. VER
                                                  BWR COLLAR
Material type:
Original declared mass:
                                                  Pu
0. 000
        Measurement option:
Data source:
QC tests:
Error calculation:
                                                 Verification
Review disk file
On
Sample method
        Accidentals method:
                                                  Measured
JAEA
                Inspector name:
              Passive comment:
                    Isotopics id:
                                                 Default
                                                  0D
0.0000 +-
0.0000 +-
 Isotopics source code:
                                                                                                  0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                             0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                              0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                  Pu238:
                                  Pu239:
                                  Pu240:
                                                   100.0000 +-
                                  Pu241:
                                                      0.0000 +
0.0000 +
                                                                              0.0000
                                  Pu242:
                              Pu date: 00.01.01
                                                                                                   19, 11, 05
                                                                              0.0000
                                                                                                   0. 0000 +-
19. 11. 05
                                                                                                                              0.0000
                              Am241: 0.0000 +-
Am date: 00.01.01
                            Predelay:
                                                          1.50
              Gate length:
2nd gate length:
                                                        64. 00
64. 00
                High voltage:
Die away time:
Efficiency:
                                                    1720
50. 0000
0. 1970
160. 0000
Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                          0.6419
0.1030
```

0.0000 0.0001 0.0001 1.0000 +-

0.000 +-0.000 +-

0.000 +-0.000

10 60

0.000

Normalization constant:

Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd:

Number passive cycles: Count time (sec):

Passive summed raw data

Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 4711559 3369384 2366920 15705

Passive error messages

Known alpha analysis error

Results

7862. 512 +-1679. 227 +-0. 000 +-26. 175 +-0. 000 +-3. 821 6. 244 0. 000 0. 152 Singles: Doubles: Triples: Scaler 1: Scaler 2: 0.000

201911 AFAS-B Collar.txt

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	470470	335688	236243	1552	0	Pass
2	471364	338433	236085	1596	0	Pass
3	471855	336922	237558	1582	0	Pass
4	472430	337248	238035	1591	0	Pass
5	470538	335094	236754	1555	0	Pass
6	471230	337999	237462	1568	0	Pass
7	469980	336003	235422	1520	0	Pass
8	471428	337359	236718	1617	0	Pass
9	471475	337011	236506	1542	0	Pass
10	470789	337627	236137	1582	0	Pass

Passive cycle rate data

Cvcle	Singles	Doubles .	Triples	Mass	QC Tests
dycic	7851.052	1665. 790	0,000	0.000	Pass
2	7865. 990	1714. 435	0.000	0.000	Pass
3	7874. 194	1664. 458	0.000	0.000	Pass
4	7883. 801	1661. 939	0.000	0.000	Pass
5	7852. 188	1647. 282	0.000	0.000	Pass
6	7863. 751	1684. 096	0.000	0.000	Pass
7	7842. 865	1684. 811	0.000	0.000	Pass
8	7867.059	1685. 842	0.000	0.000	Pass
9	7867. 844	1683. 564	0.000	0.000	Pass
10	7856. 382	1700. 052	0.000	0.000	Pass

0.000

(1)

0.0000

0. 000 0. 000

201911_AFAS-B Top Fork.txt 201911_AFAS-B Top Fork.txt

```
INCC 5. 1. 2
          Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
Detector da:
Electronics id:
Inventory change code:
1/0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
O tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                       19. 11. 05 09:39:00
9B5J3900. VER
                                                                                                                                                                     BWR TF
                                                                                                                                                                 Pu
0.000
Verification
Review disk file
On
Sample method
Measured
                                                                                                                                                                     Measured
JAEA
                                                                      Isotopics id:
                                                                                                                                                                   Default
          Isotopics source code:
Pu238:
                                                                                                                                                                 00 0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                0. 0000
0. 0000
                                                                                                                   Pu239 :
Pu240 :
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 0000
0. 0000
                                                                                                                   Pu241:
Pu242:
                                                                                                                                                                                                                                                                0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 0000
0. 0000
                                                                                                   Pu date: 00.01.01
Am241: 0.0000
Am date: 00.01.01
                                                                                                                                                                                                                                                                                                                                19. 11. 05
0. 0000
19. 11. 05
                                                                                                                                                                                                                                                                0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                           0.0000
                                                                                                                                                                             1.50
64.00
64.00
1720
                                                                                               Predelay:
                                                 Predelay:
Gate length:
2nd gate length:
High voltage:
                                                                                                                                                                                        50. 0000
0. 0080
                                                            Die away time:
Efficiency:
      Multiplicity deadtime:
Coefficient A deadtime:
                                                                                                                                                                                                0.0000
0.0000
      Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                0.0000
0.0000
                                                                                                                                                                                                0.0001
0.0001
      Normalization constant:
                                                                                                                                                                                                1.0000 +-
                                                                                                                                                                                                                                                                                 0.0000
                                                                                                                                                                                              0.000 +-
0.000 +-
0.000 +-
0.000
0.000
      Passive singles bkgrnd:
                                                                                                                                                                                                                                                                                     0.000
      Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                     0. 000
0. 000
```

10 60

Number passive cycles: Count time (sec):

Passive summed raw data

Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 2582 246130 Passive error messages Known alpha analysis error Results 218. 327 +-1. 157 +-0. 000 +-410. 217 +-0. 000 +-Singles: Doubles: Triples: 0.864 0.122 0.000 0.637 Scaler 1: Scaler 2: Passive cycle raw data Singles 13140 Cycle Scaler1 Scaler2 QC Tests 13029 13135 244 244 194 192 24505 24531 Pass Pass 13225 255 266 198 192 24671 24588 Pass Pass 13099 13076 267 287 160 181 24877 24477 Pass Pass 0 0 0 13151 13380 261 241 195 196 24690 24501 Pass Pass 10 24657 12738 246 195 Pass Passive cycle rate data Triples 0.000 0.000 0.000 Singles 219.000 Doubles 1. 433 0. 833 0. 867 QC Tests Cycle Mass 0. 000 217. 150 218. 917 0.000 0.000 Pass Pass 220. 417 217. 050 0. 950 1. 233 0.000 0.000 0.000 0.000 Pass Pass 1. 783 1. 767 1. 100 0. 750 0. 850 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 218. 317 217. 933 Pass Pass 219.183 Pass 223. 000 212. 300 Pass

(1) (2)

201911 AFAS-P Bottom Fork, txt

Passive summed raw data

INCC 5. 1. 2 Facility: JMOX Material balance area: Detector type: JM2G AFAS Detector id: Electronics id: JSR-12 Inventory change code: I/O code: Measurement date: Results file name: 19. 11. 05 10:56:31 9B5K5631. VER Inspection number: Item id: Stratum id: PWR BF Material type: Original declared mass: Pu 0. 000 Measurement option: Data source: QC tests: Verification Review disk file On Sample method Error calculation: Accidentals method: Measured JAEA Inspector name: Passive comment: Isotopics id: Default 0D 0.0000 +-0.0000 +-Isotopics source code: 0. 0000 0. 0000 0. 0000 0. 0000 0.0000 +-0.0000 +-00.0000 +-0.0000 +-0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 Pu238: Pu239: Pu240: 100.0000 +-100.0000 Pu241: 0.0000 + 0.0000 + 0.0000 0.0000 Pu242: 0.0000 Pu date: 00, 01, 01 19, 11, 05 0.0000 0.0000 +-19.11.05 0.0000 Am241: 0.0000 Am date: 00.01.01 0.0000 +-Predelay: 1.50 Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: 1720 50. 0000 Efficiency: 0.0127 0.0000 Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0.0000 0.0000 0.0000 0.0001 0.0001 1.0000 +-Normalization constant: 0.0000 Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: 0.000 +-0.000 +-0. 000 0. 000

0.000 +-0.000

10 60

0.000

Passive scaler2 bkgrnd:

Number passive cycles:

Count time (sec):

0.000

Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 237705 Passive error messages No passive calibration curve calibration No known alpha calibration Results 525. 868 +-7. 232 +-0. 000 +-Singles: Doubles: Triples: 0.266 0.000 0.654 Scaler 1: Scaler 2: 396, 175 +-0.000 +-Passive cycle raw data Cycle Singles Scaler1 Scaler2 QC Tests A 977 0 0 1494 1480 1462 1378 1460 1471 1508 1550 1521 23706 23587 Pass Pass 31741 1083 1051 31480 23725 31577 1011 997 23675 Pass 0 0 0 0 0 Pass Pass Pass Pass Pass Pass Pass 31392 23658 31560 1066 1034 23801 31612 23781 31956 1051 23889 31527 1106 23900 10 31209 1407 1016 23983 Passive cycle rate data Cvcle Triples

201911 AFAS-P Bottom Fork, txt

315521 14731

B. 617 6. 617 6. 850 Singles 524.450 Mass 0. 000 QC Tests Pass 0. 000 0. 000 0. 000 529. 017 524. 667 0.000 Pass Pass 0.000 526. 283 523. 200 6. 117 7. 717 0.000 0.000 0.000 Pass Pass 0.000 526. 000 526. 867 6. 750 7. 900 0.000 0.000 0.000 Pass Pass 0.000 532. 600 525. 450 8. 317 6. 917 0.000 0.000 0.000 Pass Pass 0.000 520, 150 0.000 0.000

(1) (2) 201911_AFAS-P Collar.txt 201911_AFAS-P Collar.txt

```
INCC 5.1.2
```

```
Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
                                                                                                                                                                                                         JM2G
AFAS
JSR_03
JSR-12
Detector id:
Electronics id:
Inventory change code:
1/0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
O tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                         19. 11. 05 10:41:27
9B5K4127. VER
                                                                                                                                                                                                      PWR COLLAR
                                                                                                                                                                                                 XXXX
Pu
0.000
Verification
Review disk file
On
Sample method
Measured
JAEA
            Isotopics id: Default
Isotopics source code: OD
Pu238: 0.0000
                                                                                                                      topics id: Default urce code: 0D
Pu238: 0.0000 +-
Pu239: 0.0000 +-
Pu240: 100.0000 +-
Pu241: 0.0000 +-
Pu242!: 0.0000 +-
Pu date: 00.01.01
Am date: 00.01.01
                                                                                                                                                                                                                                                                                                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                     0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.0000
0.0000
                                                                                                                                                                                                                                                                                                                       0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                     19. 11. 05
0. 0000
19. 11. 05
                                                                                                                                                                                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.0000
                                                                                                                                                                                                                1. 50
64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
                                                         Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
       Multiplicity deadtime:
Coefficient A deadtime:
       Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                         0. 0299
0. 0000
                                                                                                                                                                                                                                         0.0001
0.0001
       Normalization constant:
                                                                                                                                                                                                                                       1.0000 +-
                                                                                                                                                                                                                                                                                                                                           0.0000
                                                                                                                                                                                                                                    0.000 +-
0.000 +-
0.000 +-
0.000
0.000
  Passive singles bkgrnd:
Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
            Number passive cycles:
Count time (sec):
```

Passive summed raw data

Shift register singles sum: Shift register singles sum: Shift register reals + accidentals sum: Shift register accidentals sum: Shift register 1st scaler sum: Shift register 2nd scaler sum: 2251713 1589256 31475

Passive error messages

No passive calibration curve calibration No known alpha calibration

Singles:	6433.661 +-	4. 210
Doubles:	1106. 554 +-	4.067
Triples:	0.000 +-	0.000
Scaler 1:	52.458 +	0.430
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Test
1	384675	222761	158174	3165	0	Pass
2	385435	224510	157878	3164	0	Pass
3	386040	225197	158379	3206	0	Pass
4	385630	226058	159890	3072	0	Pass
5	385586	223921	158687	3007	0	Pass
6	386894	226755	159745	3177	0	Pass
7	386276	225812	158962	3029	0	Pass
8	386991	226343	159941	3213	0	Pass
9	385885	225210	159013	3208	0	Pass
10	384638	225146	158587	3234	0	Pass

Passive cycle rate data

Cycle	Singles	Doub I es	Triples	Mass	QC Tests
1	6414. 806	1078. 840	0.000	0.000	Pass
2	6427. 487	1113.004	0.000	0.000	Pass
3	6437. 582	1116. 115	0.000	0.000	Pass
4	6430. 741	1105. 255	0.000	0.000	Pass
5	6430.007	1089. 653	0.000	0.000	Pass
6	6451.831	1119. 328	0.000	0.000	Pass
7	6441.519	1116. 651	0.000	0.000	Pass
8	6453. 449	1109. 172	0.000	0.000	Pass
9	6434. 995	1105. 741	0.000	0.000	Pass
10	6414. 189	1111. 780	0.000	0.000	Pass

(1) (2)

201911 AFAS-P Top Fork txt

INCC 5. 1. 2

```
Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
                                                                                                                                                                  JSR_02
JSR-12
              Inventory change code:
I/O code:
                                  I/O code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
                                                                                                                                                                  19. 11. 05 10:25:09
9B5K2509. VER
                                                                                                                                                                PWR TF
                                                                                                                                                            XXXX
Pu
0.000
Verification
Review disk file
On
Sample method
Measured
JAEA
      Material type:
Original declared mass:
                              Measurement option:
Data source:
QC tests:
Error calculation:
                              Accidentals method:
                                                      Inspector name:
                                                Passive comment:
                                                                  Isotopics id: Default
s source code: OD
Pu238: 0.0000 +-
Pu239: 0.0000 +-
          Isotopics source code:
                                                                                                                                                                                                                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                       0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                             0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                Pu240:
                                                                                                                                                                    100.0000 +-
                                                                                                                Pu241:
                                                                                                                                                                          0.0000 +-
0.0000 +-
                                                                                                                Pu242:
                                                                                                  Pu date: 00.01.01
                                                                                                                                                                                                                                                                                                                         19, 11, 05
                                                                                                                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                                                                         0. 0000 +-
19. 11. 05
                                                                                                                                                                                                                                                                                                                                                                                                             0.0000
                                                                                                  Am241: 0.0000 +-
Am date: 00.01.01
                                                                                            Predelay:
                                                                                                                                                                                          1.50
                                                  Gate length:
2nd gate length:
                                                                                                                                                                                    64. 00
64. 00
2nd gate length:
High voltage:
Die away time:
Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                        1720
50. 0000
0. 0126
0. 0000
                                                                                                                                                                                          0.0000
0.0000
```

0.0000 0.0001 0.0001 1.0000 +-

0.000 +-0.000 +-

0.000 +-0.000

10 60

0.000

0.0000

0. 000 0. 000

0.000

Normalization constant:

Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd:

Number passive cycles: Count time (sec):

201911 AFAS-P Top Fork txt

Passive summed raw data

Shift register singles	sum:	3796
Shift register reals + accidentals	sum:	4
Shift register accidentals	sum:	2
Shift register 1st scaler	sum:	221031
Shift register 2nd scaler	sum:	0

Passive error messages

No known alpha calibration

Results

Singles:	6. 327 +-	0.081
Doubles:	0.003 +-	0.005
Triples:	0.000 +-	0.000
Scaler 1:	368, 385 +-	0.858
Cooler 2:	0.000 -	0.000

Passive cycle raw data

Cycle	Singles	K+A	A	Scaleri	Scalerz	uc lests
1	389	0	1	22265	0	Pass
2	386	0	0	22054	0	Pass
3	364	0	1	21965	0	Pass
4	376	1	0	21927	0	Pass
5	361	0	0	22047	0	Pass
6	397	0	0	22395	0	Pass
7	403	2	0	21935	0	Pass
8	385	0	0	21993	0	Pass
9	378	0	0	22201	0	Pass
10	357	1	0	22249	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	6. 483	-0. 017	0.000	0.000	Pass
2	6. 433	0.000	0.000	0.000	Pass
3	6.067	-0. 017	0.000	0.000	Pass
4	6. 267	0.017	0.000	0.000	Pass
5	6.017	0.000	0.000	0.000	Pass
6	6. 617	0.000	0.000	0.000	Pass
7	6. 717	0. 033	0.000	0.000	Pass
8	6. 417	0.000	0.000	0.000	Pass
9	6. 300	0.000	0.000	0.000	Pass
10	5 050	0.017	0.000	0.000	Dacc

(1) (2) 201912_AFAS-B Bottom Fork.txt 201912_AFAS-B Bottom Fork.txt

```
INCC 5.1.2
```

```
Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
                                                                                                                                                                                                            JM2G
AFAS
JSR_02
JSR-12
Detector id:
Electronics id:
Inventory change code:
1/0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
Of tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                            19. 12. 04 09:57:10
9C4J5710. VER
                                                                                                                                                                                                          BWR BF
XXXX
                                                                                                                                                                                                       Pu 0.000
Verification
Review disk file
On
Sample method
Measured
            Isotopics id: Default
Isotopics source code: OD
Pu238: 0.0000
                                                                                                                        topics id: Default urce code: 0D
Pu238: 0.0000 +-
Pu239: 0.0000 +-
Pu240: 100.0000 +-
Pu241: 0.0000 +-
Pu242!: 0.0000 +-
Pu date: 00.01.01
Am date: 00.01.01
                                                                                                                                                                                                                                                                                                                                                                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                           0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.0000
0.0000
                                                                                                                                                                                                                                                                                                                           0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                             19. 12. 04
0. 0000
19. 12. 04
                                                                                                                                                                                                                                                                                                                             0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.0000
                                                                                                                                                                                                                    1. 50
64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
                                                          Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
       Multiplicity deadtime:
Coefficient A deadtime:
     Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                           0.0000
0.0000
0.0001
0.0001
       Normalization constant:
                                                                                                                                                                                                                                           1.0000 +-
                                                                                                                                                                                                                                                                                                                                                  0.0000
                                                                                                                                                                                                                                         0.000 +-
0.000 +-
0.000 +-
0.000
0.000
  Passive singles bkgrnd:
Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
            Number passive cycles:
Count time (sec):
                                                                                                                                                                                                                                                                       10
60
```

Passive error messages No known alpha calibration

Results

421. 273 +-4. 893 +-0. 000 +-8. 450 +-0. 000 +-0. 912 0. 230 0. 000 0. 101 0. 000 Singles: Doubles: Triples: Scaler 1: Scaler 2:

Passive cycle raw data

	,					
Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	25387	1023	687	500	0	Pass
2	25382	955	657	476	0	Pass
3	25159	936	665	537	0	Pass
4	25315	951	717	526	0	Pass
5	25628	992	681	498	0	Pass
6	25033	947	652	490	0	Pass
7	25130	986	681	530	0	Pass
8	25325	976	658	506	0	Pass
9	25283	1025	670	497	0	Pass
10	25122	946	733	510	0	Pass

Passive cycle rate data

Cvcle	Singles	Doubles .	Triples	Mass	QC Tests
1	423, 117	5, 600	0.000	0.000	Pass
2	423.033	4. 967	0.000	0.000	Pass
3	419.317	4. 517	0.000	0.000	Pass
4	421.917	3. 900	0.000	0.000	Pass
5	427. 133	5. 183	0.000	0.000	Pass
6	417. 217	4. 917	0.000	0.000	Pass
7	418.833	5. 083	0.000	0.000	Pass
8	422.083	5. 300	0.000	0.000	Pass
9	421.383	5. 917	0.000	0.000	Pass
10	418. 700	3. 550	0.000	0.000	Pass

201912 AFAS-B Collar.txt

(1)

201912 AFAS-B Collar.txt

(2)

INCC 5. 1. 2 Passive error messages

Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS JSR_01 JSR-12

Inventory change code: I/O code: 19. 12. 04 09:41:43 9C4J4143. VER

I/O code: Measurement date: Results file name: Inspection number: Item id: Stratum id: BWR COLLAR Pu
0.000
Verification
Review disk file
On
Sample method
Measured Material type: Original declared mass: Measurement option:
Data source:
QC tests:
Error calculation:

Accidentals method: Inspector name Passive comment:

Isotopics source code:

Isotopics id: Default s source code: OD Pu238: 0.0000 +-Pu239: 0.0000 +-0.0000 +-0.0000 +-100.0000 +-0.0000 +-0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 Pu240: 100.0000 +-Pu241: 0.0000 +-0.0000 +-Pu242: Pu date: 00.01.01 19, 12, 04 0.0000 0.0000 +-19.12.04 0.0000 Am241: 0.0000 +-Am date: 00.01.01

(1)

Predelay: 1.50 Gate length: 2nd gate length: 64. 00 64. 00 2nd gate length:
High voltage:
Die away time:
Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction: 1720 50. 0000 0. 1970 160. 0000 0. 6419 0. 1030 0.0000 0.0001 0.0001

1.0000 +-Normalization constant: 0.0000 Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0.000 +-0.000 +-0. 000 0. 000 0.000 +-0.000 0.000 0.000

Number passive cycles: Count time (sec): 10 60 Known alpha analysis error

Results

Singles: Doubles: Triples: Scaler 1: Scaler 2: 7708. 792 +-1641. 464 +-0. 000 +-25. 287 +-4. 659 4. 609 0.000 0.000 +-0.000

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Test
1	462054	326528	227854	1564	0	Pass
2	460478	323217	226535	1596	0	Pass
3	461917	325475	228051	1456	0	Pass
4	462652	325641	227638	1430	0	Pass
5	461907	326502	227152	1511	0	Pass
6	462110	326232	228124	1497	0	Pass
7	462698	326422	227906	1609	0	Pass
8	462573	326826	227963	1490	0	Pass
9	462826	325407	228489	1508	0	Pass
10	460343	333384	225205	1511	٥	Dacc

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Test
1	7710. 434	1652. 726	0.000	0.000	Pass
2	7684. 103	1619. 334	0.000	0.000	Pass
3	7708. 145	1631. 787	0.000	0.000	Pass
4	7720. 426	1641. 498	0.000	0.000	Pass
5	7707. 978	1664. 046	0.000	0.000	Pass
6	7711. 370	1643. 247	0.000	0.000	Pass
7	7721. 194	1650.091	0.000	0.000	Pass
8	7719. 106	1655. 901	0.000	0.000	Pass
9	7723. 333	1623. 328	0.000	0.000	Pass
10	7681.831	1632. 681	0.000	0.000	Pass

201912_AFAS-B Top Fork.txt 201912_AFAS-B Top Fork.txt

```
INCC 5.1.2
```

```
Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
                                                                                                                                                                                             JM2G
AFAS
JSR_01
JSR-12
Detector id:
Electronics id:
Inventory change code:
1/0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
Of tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                             19. 12. 04 09:27:39
9C4J2739. VER
                                                                                                                                                                                           BWR TF
                                                                                                                                                                                         Pu 0.000
Verification
Review disk file
On
Sample method
Measured
           Isotopics id: Default
Isotopics source code: OD
Pu238: 0.0000
                                                                                                               topics id: Default urce code: 0D
Pu238: 0.0000 +-
Pu239: 0.0000 +-
Pu240: 100.0000 +-
Pu241: 0.0000 +-
Pu242!: 0.0000 +-
Pu date: 00.01.01
Am date: 00.01.01
                                                                                                                                                                                                                                                                                                                                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                   0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.0000
0.0000
                                                                                                                                                                                                                                                                                                   0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                               19. 12. 04
0. 0000
19. 12. 04
                                                                                                                                                                                                                                                                                                      0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.0000
                                                                                                                                                                                                    1. 50
64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
                                                                                                             Predelay:
                                                      Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
       Multiplicity deadtime:
Coefficient A deadtime:
       Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                          0.0000
0.0000
0.0001
0.0001
       Normalization constant:
                                                                                                                                                                                                                          1.0000 +-
                                                                                                                                                                                                                                                                                                                         0.0000
                                                                                                                                                                                                                       0.000 +-
0.000 +-
0.000 +-
0.000
0.000
       Passive singles bkgrnd:
                                                                                                                                                                                                                                                                                                                             0.000
       Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
           Number passive cycles:
Count time (sec):
```

Passive error messages

Known alpha analysis error

Results

214.030 +-1.313 +-0.000 +-403.327 +-0.000 +-0. 493 0. 143 0. 000 0. 437 0. 000 Singles: Doubles: Triples: Scaler 1: Scaler 2:

Passive cycle raw data

	,					
Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	12805	274	161	24248	0	Pass
2	12836	243	174	24187	0	Pass
3	12911	251	171	24171	0	Pass
4	12790	224	180	24283	0	Pass
5	12759	245	175	24168	0	Pass
6	12905	289	164	24183	0	Pass
7	12979	245	189	24165	0	Pass
8	12731	230	159	24369	0	Pass
9	12969	236	182	24159	0	Pass
10	12733	276	170	24063	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	213. 417	1.883	0.000	0.000	Pass
2	213.933	1. 150	0.000	0.000	Pass
3	215. 183	1. 333	0.000	0.000	Pass
4	213. 167	0. 733	0.000	0.000	Pass
5	212.650	1. 167	0.000	0.000	Pass
6	215.083	2. 083	0.000	0.000	Pass
7	216. 317	0. 933	0.000	0.000	Pass
8	212. 183	1. 183	0.000	0.000	Pass
9	216. 150	0.900	0.000	0.000	Pass
10	212. 217	1. 767	0.000	0.000	Pass

(2)

201912 AFAS-P Bottom Fork, txt

201912 AFAS-P Bottom Fork, txt

(1)

```
INCC 5. 1. 2
         Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRONICS 
                                                                                                                                                         JSR_03
JSR-12
             Inventory change code:
I/O code:
                                I/O code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
                                                                                                                                                       19. 12. 04 10:44:22
9C4K4422. VER
                                                                                                                                                       PWR BF
     Material type:
Original declared mass:
                                                                                                                                                       Pu
0. 000
                                                                                                                                                   Verification
Review disk file
On
Sample method
Measured
                            Measurement option:
Data source:
QC tests:
Error calculation:
                            Accidentals method:
                                                   Inspector name
                                             Passive comment:
                                                              Isotopics id: Default
s source code: OD
Pu238: 0.0000 +-
Pu239: 0.0000 +-
         Isotopics source code:
                                                                                                                                                                                                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                                                                                                         0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                       0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                          Pu240:
                                                                                                                                                           100.0000 +-
                                                                                                          Pu241:
                                                                                                                                                                   0.0000 +
0.0000 +
                                                                                                          Pu242:
                                                                                            Pu date: 00.01.01
                                                                                                                                                                                                                                                                                                       19, 12, 04
                                                                                                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                                       0.0000 +-
19.12.04
                                                                                                                                                                                                                                                                                                                                                                                       0.0000
                                                                                            Am241: 0.0000 +-
Am date: 00.01.01
                                                                                       Predelay:
                                                                                                                                                                                1.50
                                               Gate length:
2nd gate length:
                                                                                                                                                                          64. 00
64. 00
                                                     High voltage:
Die away time:
Efficiency:
                                                                                                                                                               1720
50. 0000
0. 0127
0. 0000
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
```

0.0000 0.0000 0.0000 0.0001 0.0001 1.0000 +-

0.000 +-0.000 +-

0.000 +-0.000

10 60

0.000

0.0000

0. 000 0. 000

0.000

Normalization constant:

Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd:

Number passive cycles: Count time (sec):

No passive calibration curve calibration No known alpha calibration Results Singles: Doubles: Triples:

517. 218 +-6. 413 +-0. 000 +-0.810 0.172 0.000 Scaler 1: Scaler 2: 388. 027 +-0. 000 +-0.590 0.000

Passive cycle raw data Cycle Singles R+A

Passive error messages

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	31104	1437	1022	23332	0	Pass
2	30885	1400	1012	23367	0	Pass
3	31068	1441	1062	23363	0	Pass
4	30896	1357	1026	23372	0	Pass
5	31075	1416	1071	23179	0	Pass
6	31074	1406	1034	23131	0	Pass
7	30866	1398	1017	23207	0	Pass
8	31033	1453	1041	23382	0	Pass
9	31388	1437	1054	23107	0	Pass
10	30942	1389	947	23376	0	Pass

Passive cycle rate data

Cycle 1 2 3 4 5 6 7 8 9	Singles 518, 400 514, 750 517, 800 514, 933 517, 917 517, 900 514, 433 517, 217 523, 133	Doubles 6. 917 6. 467 6. 317 5. 517 5. 750 6. 200 6. 350 6. 867 6. 383	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	QC Tests Pass Pass Pass Pass Pass Pass Pass P
9	523. 133	6. 383	0. 000	0. 000	Pass
10	515. 700	7. 367	0. 000	0. 000	Pass

201912_AFAS-P Collar.txt 201912_AFAS-P Collar.txt

```
INCC 5.1.2
```

```
Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRICS id: JSR_GELECTRIC
                                                                                                                                                                                                                  JM2G
AFAS
JSR_03
JSR-12
Detector id:
Electronics id:
Inventory change code:
1/0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
Of tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                                  19. 12. 04 10:28:18
9C4K2818. VER
                                                                                                                                                                                                               PWR COLLAR
                                                                                                                                                                                                             Pu 0.000
Verification
Review disk file
On
Sample method
Measured
             Isotopics id: Default
Isotopics source code: OD
Pu238: 0.0000
                                                                                                                           topics id: Default urce code: 0D
Pu238: 0.0000 +-
Pu249: 0.0000 +-
Pu240: 100.0000 +-
Pu241: 0.0000 +-
Pu242: 0.0000 +-
Pu242: 0.0000 +-
Pu date: 00.01.01
Am241: 0.0000 +-
Am date: 00.01.01
                                                                                                                                                                                                                                                                                                                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                   0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                      0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                       19. 12. 04
0. 0000
19. 12. 04
                                                                                                                                                                                                                                                                                                                                      0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.0000
                                                                                                                                                                                                                          1. 50
64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
                                                            Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
       Multiplicity deadtime:
Coefficient A deadtime:
     Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                    0. 0299
0. 0000
                                                                                                                                                                                                                                                    0.0001
0.0001
       Normalization constant:
                                                                                                                                                                                                                                                  1.0000 +-
                                                                                                                                                                                                                                                                                                                                                           0.0000
                                                                                                                                                                                                                                               0.000 +-
0.000 +-
0.000 +-
0.000
0.000
  Passive singles bkgrnd:
Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
```

(1)

201912 AFAS-P Top Fork txt

Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRICS id: JSR_GELECTRIC JSR_02 JSR-12 Inventory change code: I/O code:

INCC 5. 1. 2

Number passive cycles: Count time (sec):

I/O code: Measurement date: Results file name: Inspection number: Item id: Stratum id: 19. 12. 04 10:13:14 9C4K1314. VER PWR TF

Pu 0.000 Verification Review disk file On Sample method Measured Material type: Original declared mass: Measurement option:
Data source:
QC tests:
Error calculation: Accidentals method: Inspector name

Passive comment:

Isotopics id: Default s source code: OD Pu238: 0.0000 +-Pu239: 0.0000 +-Isotopics source code: 0.0000 +-0.0000 +-100.0000 +-0.0000 +-0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 Pu240: 100.0000 +-Pu241: 0.0000 + 0.0000 + Pu242: Pu date: 00.01.01 19, 12, 04 0.0000 0.0000 +-19.12.04 0.0000 Am241: 0.0000 +-Am date: 00.01.01

1.50

Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0. 0126 0. 0000 Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0.0000 0.0000 0.0000 0.0001 0.0001 1.0000 +-Normalization constant:

Predelay:

0.0000 Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0.000 +-0.000 +-0. 000 0. 000 0.000 +-0.000 0.000 0.000

(1)

Number passive cycles: Count time (sec): 10 60 Passive error messages

No passive calibration curve calibration No known alpha calibration

6294. 548 +-1087. 162 +-0. 000 +-51. 593 +-0. 000 +-5. 128 3. 410 0. 000 0. 232 0. 000 Singles: Doubles: Triples: Scaler 1: Scaler 2:

Passive cycle raw data

	•					
Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	377578	217118	152181	3031	0	Pass
2	376974	215385	151161	3066	0	Pass
3	378045	218067	151961	3099	0	Pass
4	378292	217662	152793	3048	0	Pass
5	377870	217411	151695	3121	0	Pass
6	377116	216652	150995	3069	0	Pass
7	376113	215743	151238	3114	0	Pass
8	378794	217655	152838	3104	0	Pass
9	378131	216750	152342	3184	0	Pass
10	375761	215495	149855	3120	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	6296.393	1084. 642	0.000	0.000	Pass
2	6286. 315	1072. 729	0.000	0.000	Pass
3	6304. 185	1104. 171	0.000	0.000	Pass
4	6308.306	1083. 511	0.000	0.000	Pass
5	6301.265	1097. 656	0.000	0.000	Pass
6	6288. 685	1096. 666	0.000	0.000	Pass
7	6271.950	1077. 418	0.000	0.000	Pass
8	6316.682	1082. 646	0.000	0.000	Pass
9	6305. 620	1075. 810	0.000	0.000	Pass
10	6266, 077	1096. 373	0.000	0.000	Pass

201912 AFAS-P Top Fork txt

(2)

Passive error messages

No known alpha calibration

Results

Singles: Doubles: Triples: Scaler 1: Scaler 2: 6. 037 +-0. 000 +-0. 000 +-361. 200 +-0.111 0.004 0.000 0.617 0.000 +-0.000

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	373	1	0	21821	0	Pass
2	331	0	0	21700	0	Pass
3	394	1	0	21465	0	Pass
4	366	0	0	21591	0	Pass
5	356	0	0	21822	0	Pass
6	377	0	0	21705	0	Pass
7	348	0	1	21631	0	Pass
8	356	0	0	21753	0	Pass
9	387	0	1	21696	0	Pass
10	334	0	0	21526	۸	Dacc

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	6. 217	0.017	0.000	0.000	Pass
2	5. 517	0.000	0.000	0.000	Pass
3	6. 567	0.017	0.000	0.000	Pass
4	6. 100	0.000	0.000	0.000	Pass
5	5. 933	0.000	0.000	0.000	Pass
6	6. 283	0.000	0.000	0.000	Pass
7	5. 800	-0.017	0.000	0.000	Pass
8	5. 933	0.000	0.000	0.000	Pass
9	6. 450	-0.017	0.000	0.000	Pass
10	5. 567	0.000	0.000	0.000	Pass

202001_AFAS-B Bottom Fork.txt 202001_AFAS-B Bottom Fork.txt

```
INCC 5.1.2
```

```
Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRICS id: JSR_GELECTRIC
                                                                                                                                                                                                           JM2G
AFAS
JSR_02
JSR-12
Detector id:
Electronics id:
Inventory change code:
1/0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
Of tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                           20. 01. 08 10:04:49
018K0449. VER
                                                                                                                                                                                                           BWR BF
XXXX
                                                                                                                                                                                                      Pu 0.000
Verification
Review disk file
On
Sample method
Measured
            Isotopics id: Default
Isotopics source code: OD
Pu238: 0.0000
                                                                                                                       topics id: Default urce code: 0D
Pu238: 0.0000 +-
Pu239: 0.0000 +-
Pu240: 100.0000 +-
Pu241: 0.0000 +-
Pu242!: 0.0000 +-
Pu date: 00.01.01
Am date: 00.01.01
                                                                                                                                                                                                                                                                                                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                        0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.0000
0.0000
                                                                                                                                                                                                                                                                                                                          0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                         20. 01. 08
0. 0000
20. 01. 08
                                                                                                                                                                                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.0000
                                                                                                                                                                                                                  1. 50
64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
                                                          Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
       Multiplicity deadtime:
Coefficient A deadtime:
     Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                         0.0000
0.0000
0.0001
0.0001
       Normalization constant:
                                                                                                                                                                                                                                         1.0000 +-
                                                                                                                                                                                                                                                                                                                                               0.0000
                                                                                                                                                                                                                                       0.000 +-
0.000 +-
0.000 +-
0.000
0.000
     Passive singles bkgrnd:
Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
            Number passive cycles:
Count time (sec):
                                                                                                                                                                                                                                                                     10
60
```

202001_AFAS-B BOLLOM FORK. LXL

Passive error messages

No known alpha calibration

Results

 Singles:
 409.043 ←
 0.578

 Doubles:
 4.860 ←
 0.249

 Triples:
 0.000 ←
 0.000

 Scaler 1:
 8.290 ←
 0.139

 Scaler 2:
 0.000 ←
 0.000

Passive cycle raw data

	-					
Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	24529	922	648	537	0	Pass
2	24600	924	700	509	0	Pass
3	24718	978	606	499	0	Pass
4	24600	931	638	469	0	Pass
5	24516	892	645	491	0	Pass
6	24317	915	595	488	0	Pass
7	24575	928	642	537	0	Pass
8	24500	927	679	455	0	Pass
9	24625	952	654	484	0	Pass
10	24446	991	637	505	0	Pass

Passive cycle rate data

•				
Singles	Doubles	Triples	Mass	QC Tests
408. 817	4. 567	0.000	0.000	Pass
410.000	3. 733	0.000	0.000	Pass
411.967	6. 200	0.000	0.000	Pass
410.000	4. 883	0.000	0.000	Pass
408.600	4. 117	0.000	0.000	Pass
405. 283	5. 333	0.000	0.000	Pass
409. 583	4. 767	0.000	0.000	Pass
408. 333	4. 133	0.000	0.000	Pass
410. 417	4. 967	0.000	0.000	Pass
407. 433	5. 900	0.000	0.000	Pass
	Singles 408. 817 410. 000 411. 967 410. 000 408. 600 405. 283 409. 583 408. 333 410. 417	Singles Doubles 408.817 4.567 410.000 3.733 411.967 6.200 410.000 4.883 408.600 4.117 405.283 4.767 408.333 4.133 410.417 4.967	Singles Doubles Triples 408.817 4.567 0.000 410.000 3.733 0.000 411.967 6.200 0.000 410.000 4.883 0.000 405.283 5.333 0.000 405.283 4.767 0.000 405.333 4.767 0.000 408.333 4.133 0.000 410.417 4.967 0.000	Singles Doubles Triples Mass 408.817 4.567 0.000 0.000 410.000 3.733 0.000 0.000 411.967 6.200 0.000 0.000 400.000 4.883 0.000 0.000 405.283 5.333 0.000 0.000 409.583 4.767 0.000 0.000 408.333 4.133 0.000 0.000 410.417 4.967 0.000 0.000

202001 AFAS-B Collar.txt

(1)

INCC 5, 1, 2

Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR_12
Inventory change code:
1/0 code:
Measurement date: 20.01.08 09:49:45
Results file name: 018J4945. VER
Inspection number:
Item id: BWR COLLAR
Stratum id: XXXX

Stratum Id. AAAA
Material Type: Pu
Original declared mass: 0.000
Measurement option: Verification
Data source: Review disk file
0C tests: On
Error calculation: Sample method
Accidentals method: Measured
Inspector name:
Passive comment:

Isotopics id: Default s source code: OD Pu238: 0.0000 +-Pu239: 0.0000 +-Isotopics source code: 0.0000 +-0.0000 +-100.0000 +-0.0000 +-0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 Pu240: 100.0000 +-Pu241: 0.0000 + 0.0000 + Pu242: Pu date: 00.01.01 20. 01. 08 0.0000 0.0000 +-20.01.08 0.0000 Am241: 0.0000 +-Am date: 00.01.01

0.0000

(1)

1.50

Predelay:

Number passive cycles: 10 Count time (sec): 60 202001_AFAS-B Collar.txt

Passive error messages

Known alpha analysis error

Results

 Singles:
 7511.872 + 4,197

 Doubles:
 1609.944 + 5.392

 Triples:
 0.000 + 0.000

 Scaler 1:
 24,717 + 0.186

 Scaler 2:
 0.000 + 0.000

(2)

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	450237	311782	215965	1472	0	Pass
2	449423	310952	215880	1506	0	Pass
3	449971	312001	214806	1438	0	Pass
4	449455	310375	216059	1507	0	Pass
5	450528	312970	216767	1538	0	Pass
6	450943	313631	216447	1501	0	Pass
7	448951	310020	214595	1427	0	Pass
8	451288	313040	216388	1482	0	Pass
9	451138	312437	216444	1453	0	Pass
10	449759	311600	214137	1506	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	7513.003	1604. 670	0.000	0.000	Pass
2	7499. 403	1592. 179	0.000	0.000	Pass
3	7508. 559	1627. 743	0.000	0.000	Pass
4	7499. 938	1579. 519	0.000	0.000	Pass
5	7517.864	1611. 139	0.000	0.000	Pass
6	7524. 798	1627. 576	0.000	0.000	Pass
7	7491.518	1598. 083	0.000	0.000	Pass
8	7530. 562	1618. 672	0.000	0.000	Pass
9	7528.056	1607. 633	0.000	0.000	Pass
10	7505.017	1632. 228	0.000	0.000	Pass

202001_AFAS-B Top Fork.txt 202001_AFAS-B Top Fork.txt

```
INCC 5.1.2
```

```
INCC 5.1.2

Facility: JMDX
Material balance area: JM26
Detector type: AFAS
Detector id: JSR.01
Electronics id: JSR-12
Inventory change code: 1.70 code:
Measurement date: 20.01.08 09:33:41
Results file name: 018J3341.VER
Inspection number:
Item id: SWR IF
Stratum id: XXXX
Material type: Pu
Original declared mass: 0.000
Measurement option: Verification
Data source: Review disk file
OC tests
Error calculation: Sample method
Accidentals method:
Measured
Inspector name:
Passive comment:
                                                                                                        20. 01. 08 09:33:41
018J3341. VER
     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                 0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                           20. 01. 08
0. 0000
20. 01. 08
                                                                                                                                                                                                                                                                    0.0000
  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                            1. 50
64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
     Normalization constant:
                                                                                                                         1.0000 +-
                                                                                                                                                                             0.0000
  Passive singles bkgrnd:
Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                       0.000 +-
0.000 +-
0.000 +-
0.000 --
0.000
                                                                                                                                                                              0. 000
0. 000
0. 000
       Number passive cycles:
Count time (sec):
                                                                                                                                       10
60
```

Passive error messages

Known alpha analysis error

Results

Singles: Doubles: Triples: Scaler 1: Scaler 2: 208. 662 +-1. 173 +-0. 000 +-391. 762 +-0. 000 +-0. 569 0. 091 0. 000 0. 934 0. 000

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	12445	226	134	23325	0	Pass
2	12464	241	171	23454	0	Pass
3	12521	239	160	23442	0	Pass
4	12462	240	178	23382	0	Pass
5	12653	248	166	23782	0	Pass
6	12418	240	167	23346	0	Pass
7	12386	255	160	23503	0	Pass
8	12515	223	167	23799	0	Pass
9	12623	230	188	23653	0	Pass
10	12710	239	186	23371	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	207. 417	1. 533	0.000	0.000	Pass
2	207. 733	1. 167	0.000	0.000	Pass
3	208. 683	1. 317	0.000	0.000	Pass
4	207. 700	1.033	0.000	0.000	Pass
5	210. 883	1. 367	0.000	0.000	Pass
6	206. 967	1. 217	0.000	0.000	Pass
7	206. 433	1. 583	0.000	0.000	Pass
8	208. 583	0. 933	0.000	0.000	Pass
9	210. 383	0. 700	0.000	0.000	Pass
10	211. 833	0. 883	0.000	0.000	Pass

202001 AFAS-P Bottom Fork, txt

(1)

202001 AFAS-P Bottom Fork, txt

(2)

INCC	5.	1. 2	

Facility: Material balance area: Detector type: Detector id: Electronics id: Inventory change code: I/O code: Measurement date: Results file name: Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests: Error calculation: Accidentals method: Inspector name: Passive comment:	JMOX JM2G AFAS JSR_03 JSR_12 20.01.08 10 018K5202.VER BWR BF XXXXX Pu 0.000 Verification Review disk On Sample metho Measured	file		
Isotopics id: Isotopics source code: Pu238: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date: Predelay:	Default OD 0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 0.0000 +- 0.0000 +- 00.01.01 0.0000 +- 00.01.01 1.50	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 20.01.08 0.0000 +- 20.01.08	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000
Gate length: 2nd gate length:	64. 00 64. 00			

nigh voilage.	1720		
Die away time:	50.0000		
Efficiency:	0.0127		
Multiplicity deadtime:	0.0000		
Coefficient A deadtime:	0.0000		
Coefficient B deadtime:	0.0000		
Coefficient C deadtime:	0.0000		
Doubles gate fraction:	0.0001		
Triples gate fraction:	0.0001		
Normalization constant:	1.0000 +-	0.0000	
Passive singles bkgrnd:	0.000 +-	0.000	
Passive doubles bkgrnd:	0.000 +-	0.000	
Passive triples bkgrnd:	0.000 +-	0.000	
Passive scaler1 bkgrnd:	0.000		
Passive scaler2 bkgrnd:	0.000		
Number passive cycles:	10		
Count time (sec):	60		

(1)

Passive error messages

No passive calibration curve calibration No known alpha calibration

Results 504. 895 +-7. 228 +-0. 000 +-378. 372 +-0. 000 +-Singles: Doubles: Triples: Scaler 1: Scaler 2: 0. 940 0. 186 0. 000 0. 992 0. 000

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	30311	1378	961	22660	0	Pass
2	30370	1414	993	22959	0	Pass
3	30299	1402	991	22788	0	Pass
4	30323	1450	954	22508	0	Pass
5	30204	1355	978	22677	0	Pass
6	30415	1431	998	22710	0	Pass
7	29953	1449	976	22868	0	Pass
8	30067	1360	947	22360	0	Pass
9	30443	1425	997	22578	0	Pass
10	30552	1437	969	22915	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles .	Triples	Mass	QC Tests
1	505. 183	6. 950	0.000	0.000	Pass
2	506. 167	7. 017	0.000	0.000	Pass
3	504. 983	6. 850	0.000	0.000	Pass
4	505. 383	8. 267	0.000	0.000	Pass
5	503.400	6. 283	0.000	0.000	Pass
6	506. 917	7. 217	0.000	0.000	Pass
7	499. 217	7. 883	0.000	0.000	Pass
8	501, 117	6, 883	0.000	0.000	Pass
9	507, 383	7, 133	0.000	0.000	Pass
10	509, 200	7. 800	0.000	0.000	Pass

202001_AFAS-P Collar.txt 202001_AFAS-P Collar.txt

```
INCC 5.1.2
```

```
Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRICS id: JSR_GELECTRIC
                                                                                                                                                                                                         JM2G
AFAS
JSR_03
JSR-12
Detector id:
Electronics id:
Inventory change code:
1/0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
Of tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                         20. 01. 08 10:35:57
018K3557. VER
                                                                                                                                                                                                      PWR COLLAR
                                                                                                                                                                                                    Pu 0.000
Verification
Review disk file
On
Sample method
Measured
            Isotopics id: Default
Isotopics source code: OD
Pu238: 0.0000
                                                                                                                      topics id: Default urce code: 0D
Pu238: 0.0000 +-
Pu249: 0.0000 +-
Pu240: 100.0000 +-
Pu241: 0.0000 +-
Pu242: 0.0000 +-
Pu242: 0.0000 +-
Pu date: 00.01.01
Am241: 0.0000 +-
Am date: 00.01.01
                                                                                                                                                                                                                                                                                                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                     0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                       0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                     20. 01. 08
0. 0000
20. 01. 08
                                                                                                                                                                                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.0000
                                                                                                                                                                                                                1. 50
64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
                                                         Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
       Multiplicity deadtime:
Coefficient A deadtime:
     Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                         0. 0299
0. 0000
                                                                                                                                                                                                                                         0.0001
0.0001
       Normalization constant:
                                                                                                                                                                                                                                         1.0000 +-
                                                                                                                                                                                                                                                                                                                                            0.0000
                                                                                                                                                                                                                                    0.000 +-
0.000 +-
0.000 +-
0.000
0.000
  Passive singles bkgrnd:
Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
            Number passive cycles:
Count time (sec):
                                                                                                                                                                                                                                                                   9
60
```

Passive error messages

No passive calibration curve calibration No known alpha calibration

Results

 Singles:
 6144,869 ←
 4,627

 Doubles:
 1060,343 ←
 3,923

 Triples:
 0,000 ←
 0,000

 Scaler 1:
 50,478 ←
 0,297

 Scaler 2:
 0,000 ←
 0,000

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	368614	207872	144508	3050	0	Pass
2	368335	208049	144513	3023	0	Pass
3	367279	207390	144071	3002	0	Pass
4	368269	207323	144533	3084	0	Pass
5	369308	209571	145670	3051	0	Pass
6	367432	208003	143476	3069	0	Pass
7	368260	207444	145004	3084	0	Pass
8	369201	210008	145570	2935	0	Pass
9	369769	210030	146975	2960	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	6146. 832	1058. 314	0.000	0.000	Pass
2	6142. 177	1061. 185	0.000	0.000	Pass
3	6124.559	1057. 554	0.000	0.000	Pass
4	6141.076	1048. 725	0.000	0.000	Pass
5	6158. 411	1067. 287	0.000	0.000	Pass
6	6127. 111	1077. 731	0.000	0.000	Pass
7	6140. 926	1042. 879	0.000	0.000	Pass
8	6156. 626	1076. 256	0.000	0.000	Pass
9	6166. 103	1053. 160	0.000	0.000	Pass

(2)

202001 AFAS-P Top Fork.txt

(1)

202001_AFA5-P TOP FORK. TXT

Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR-02
Electronics id: JSR-12
Inventory change code:
I/O code:

INCC 5. 1. 2

| I/O code: | Measurement date: | 20.01.08 | 10:19:53 | Results file name: | 018K1953, VER | | Inspection number: | WRR TF | Stratum id: | XXXX

Stratum id. AAAA

Meterial type:
Pu
Original declared mass: 0.000
Measurement option: Verification
Data source: Review disk file
0C tests: On
Error calculation: Sample method
Accidentals method: Measured

1.50

(1)

Predelay:

Number passive cycles: 10 Count time (sec): 60 202001_AFAS-P Top Fork txt

Passive error messages

No known alpha calibration

Results

 Singles:
 5.813 ←
 0.086

 Doubles:
 0.000 ←
 0.004

 Triples:
 0.000 ←
 0.000

 Scaler 1:
 352.960 ←
 0.669

 Scaler 2:
 0.000 ←
 0.000

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	358	0	0	21254	0	Pass
2	326	1	0	21083	0	Pass
3	348	0	1	20909	0	Pass
4	346	0	0	21343	0	Pass
5	378	1	0	21254	0	Pass
6	330	0	0	21091	0	Pass
7	368	0	0	21129	0	Pass
8	354	0	1	21227	0	Pass
9	341	0	0	21289	0	Pass
10	339	0	0	21197	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Test
1	5. 967	0.000	0.000	0.000	Pass
2	5. 433	0.017	0.000	0.000	Pass
3	5. 800	-0. 017	0.000	0.000	Pass
4	5. 767	0.000	0.000	0.000	Pass
5	6. 300	0.017	0.000	0.000	Pass
6	5. 500	0.000	0.000	0.000	Pass
7	6. 133	0.000	0.000	0.000	Pass
8	5. 900	-0. 017	0.000	0.000	Pass
9	5. 683	0.000	0.000	0.000	Pass
10	5. 650	0.000	0.000	0.000	Pass

202002_AFAS-B Bottom Fork.txt 202002_AFAS-B Bottom Fork.txt

```
INCC 5.1.2
```

```
Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRICS id: JSR_GELECTRIC
                                                                                                                                                                                                            JM2G
AFAS
JSR_02
JSR-12
Detector Id.
Electronics id.
Inventory change code:
1/0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
Of tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                            20. 02. 04 10:11:50
024K1150. VER
                                                                                                                                                                                                            BWR BF
XXXX
                                                                                                                                                                                                       Pu 0.000
Verification
Review disk file
On
Sample method
Measured
            Isotopics id: Default
Isotopics source code: OD
Pu238: 0.0000
                                                                                                                       topics id: Default urce code: 0D
Pu238: 0.0000 +-
Pu239: 0.0000 +-
Pu240: 100.0000 +-
Pu241: 0.0000 +-
Pu242!: 0.0000 +-
Pu date: 00.01.01
Am date: 00.01.01
                                                                                                                                                                                                                                                                                                                                                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                         0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.0000
0.0000
                                                                                                                                                                                                                                                                                                                            0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                           20. 02. 04
0. 0000
20. 02. 04
                                                                                                                                                                                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.0000
                                                                                                                                                                                                                   1. 50
64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
                                                          Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
       Multiplicity deadtime:
Coefficient A deadtime:
       Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                          0.0000
0.0000
0.0001
0.0001
       Normalization constant:
                                                                                                                                                                                                                                             1.0000 +-
                                                                                                                                                                                                                                                                                                                                                0.0000
                                                                                                                                                                                                                                        0.000 +-
0.000 +-
0.000 +-
0.000
0.000
     Passive singles bkgrnd:
Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                     0.000
                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
            Number passive cycles:
Count time (sec):
                                                                                                                                                                                                                                                                      10
60
```

Passive error messages

No known alpha calibration

Results

402. 465 +-4. 572 +-0. 000 +-8. 323 +-0. 000 +-Singles: Doubles: Triples: 0. 644 0. 144 0. 000 0. 076 0. 000 Scaler 1: Scaler 2:

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	24039	868	607	491	0	Pass
2	24137	880	650	533	0	Pass
3	24022	885	611	495	0	Pass
4	24179	873	584	489	0	Pass
5	24331	916	661	503	0	Pass
6	23974	891	558	494	0	Pass
7	24340	901	642	504	0	Pass
8	24096	913	622	500	0	Pass
9	24188	890	613	506	0	Pass
10	24173	903	629	479	0	Pass

Passive cycle rate data

Singles	Doubles	Triples	Mass	QC Tests
400.650	4. 350	0.000	0.000	Pass
402. 283	3. 833	0.000	0.000	Pass
400. 367	4. 567	0.000	0.000	Pass
402. 983	4. 817	0.000	0.000	Pass
405. 517	4. 250	0.000	0.000	Pass
399. 567	5. 550	0.000	0.000	Pass
405.667	4. 317	0.000	0.000	Pass
401.600	4. 850	0.000	0.000	Pass
403. 133	4. 617	0.000	0.000	Pass
402. 883	4. 567	0.000	0.000	Pass
	Singles 400. 650 402. 283 400. 367 402. 983 405. 517 399. 567 405. 667 401. 600 403. 133	Singles Doubles 400, 650 4, 350 402, 283 3, 833 400, 367 4, 567 402, 983 4, 817 405, 517 4, 250 399, 567 4, 317 401, 660 4, 850 403, 133 4, 617	Singles Doubles Triples 400.650 4.350 0.000 402.283 3.833 0.000 400.367 4.567 0.000 402.983 4.817 0.000 405.517 4.250 0.000 399.567 5.550 0.000 405.667 4.317 0.000 401.600 4.850 0.000 403.133 4.617 0.000	Singles Doubles Triples Mass 400.650 4.350 0.000 0.000 402.283 3.833 0.000 0.000 400.367 4.567 0.000 0.000 402.983 4.817 0.000 0.000 405.517 4.250 0.000 0.000 399.567 5.550 0.000 0.000 401.660 4.317 0.000 0.000 401.660 4.850 0.000 0.000 403.133 4.617 0.000 0.000

202002 AFAS-B Collar.txt

(1)

202002 AFAS-B Collar.txt

(2)

INCC 5. 1. 2

Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRICS id: JSR_GELECTRIC JSR_01 JSR-12 Inventory change code: I/O code:

I/O code: Measurement date: Results file name: Inspection number: Item id: Stratum id: 20. 02. 04 09:54:37 024J5437. VER BWR COLLAR

Pu
0.000
Verification
Review disk file
On
Sample method
Measured Material type: Original declared mass: Measurement option:
Data source:
QC tests:
Error calculation: Accidentals method:

Isotopics source code:

Inspector name Passive comment:

Isotopics id: Default s source code: OD Pu238: 0.0000 +-Pu239: 0.0000 +-0.0000 +-0.0000 +-100.0000 +-0.0000 +-0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 Pu240: 100.0000 +-Pu241: 0.0000 + 0.0000 + Pu242: 00. 01. 01 Pu date: 20, 02, 04 0.0000 0. 0000 +-20. 02. 04 0.0000 Am241: 0.0000 +-Am date: 00.01.01

Predelay: 1.50 Gate length: 2nd gate length: 64. 00 64. 00 2nd gate length:
High voltage:
Die away time:
Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction: 1720 50. 0000 0. 1970 160. 0000 0.6419 0.1030 0.0000 0.0001 0.0001

Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0.000 +-0.000 +-0. 000 0. 000 0.000 +-0.000 0.000 0.000

1.0000 +-

0.0000

(1)

Number passive cycles: Count time (sec): 10 60

Normalization constant:

Passive error messages Known alpha analysis error

Results

Singles: Doubles: Triples: Scaler 1: 7363. 783 +-1572. 879 +-0. 000 +-24. 248 +-4. 466 5. 126 0.000 0.181 Scaler 2: 0.000 +-0.000

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	440611	301270	207383	1447	0	Pass
2	441691	303223	207387	1485	0	Pass
3	442316	302888	209747	1431	0	Pass
4	440977	299795	207238	1445	0	Pass
5	441325	301379	207932	1482	0	Pass
6	441582	302067	207928	1464	0	Pass
7	439567	298351	205403	1387	0	Pass
8	442023	302414	207837	1430	0	Pass
9	440774	301281	207250	1471	0	Pass
10	442186	302937	208223	1507	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	7352. 186	1572. 186	0.000	0.000	Pass
2	7370. 229	1604. 841	0.000	0.000	Pass
3	7380. 670	1559. 722	0.000	0.000	Pass
4	7358.300	1549. 920	0.000	0.000	Pass
5	7364. 114	1564. 830	0.000	0.000	Pass
6	7368. 408	1576. 422	0.000	0.000	Pass
7	7334. 745	1556. 444	0.000	0.000	Pass
8	7375. 775	1583. 764	0.000	0.000	Pass
9	7354. 909	1574. 600	0.000	0.000	Pass
10	7378. 498	1586. 061	0.000	0.000	Pass

202002_AFAS-B Top Fork.txt 202002_AFAS-B Top Fork.txt

```
INCC 5.1.2
```

Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRICS id: JSR_GELECTRIC JM2G AFAS JSR_01 JSR-12

20. 02. 04 09:38:33 024J3833. VER BWR TF

Detector Id.
Electronics id.
Inventory change code:
1/0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
Of tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment: Pu 0.000
Verification
Review disk file
On
Sample method
Measured

Isotopics id: Default

Isotopics source code:
Pu238: 0. 0000 +-0. 0000 +-100. 0000 +-0. 0000 +-0. 0000 +-0.0000 +-0.0000 +-100.0000 +-0.0000 +-0.0000 +-0. 0000 0. 0000 0. 0000 Pu239 : Pu240 : 0. 0000 0. 0000 Pu241: Pu242: 0.0000 0.0000 0.0000 0.0000 Pu date: 00.01.01 Am241: 0.0000 Am date: 00.01.01 20. 02. 04 0. 0000 20. 02. 04 0.0000 0.0000

1.50 64.00 64.00 1720 Predelay: Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: 50. 0000 0. 0080 0. 0000 0. 0000 Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0.0000 0.0000 0.0001 0.0001 Normalization constant:

1.0000 +-0.0000 Passive singles bkgrnd: 0.000

0.000 +-0.000 +-0.000 +-0.000 0.000 Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0.000 0.000

10 60 Number passive cycles: Count time (sec):

(1)

Passive error messages

Known alpha analysis error

Results

206. 647 +-1. 232 +-0. 000 +-384. 512 +-0. 000 +-0. 755 0. 044 0. 000 0. 843 Singles: Doubles: Triples: Scaler 1: Scaler 2:

Passive cycle raw data

R+A 247 237 242 Singles Cycle Scaler1 Scaler2 QC Tests A 167 157 163 154 168 165 162 Pass Pass Pass 22943 0 0 0 0 0 0 0 0 12380 12259 23050 23299 12249 12298 226 233 23044 23067 Pass Pass 240 226 243 217 12435 12483 22970 23290 Pass Pass Pass Pass Pass 12336 12298 23224 22793 10 12565 266 23027

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	211. 417	1. 333	0.000	0.000	Pass
2	206. 333	1. 333	0.000	0.000	Pass
3	204. 317	1. 317	0.000	0.000	Pass
4	204. 150	1. 200	0.000	0.000	Pass
5	204. 967	1. 083	0.000	0.000	Pass
6	207. 250	1. 250	0.000	0.000	Pass
7	208. 050	1.067	0.000	0.000	Pass
8	205. 600	1. 100	0.000	0.000	Pass
9	204. 967	1. 133	0.000	0.000	Pass
10	209. 417	1. 500	0.000	0.000	Pass

202002 AFAS-P Bottom Fork, txt

INCC 5. 1. 2

Facility: JMOX Material balance area:
Detector type:
Detector id:
Electronics id: JM2G AFAS JSR_03 JSR-12 Inventory change code: I/O code:

Measurement date: Results file name: 20. 02. 04 10:56:21 024K5621. VER Inspection number: Item id: Stratum id:

PWR BF Material type: Original declared mass: Pu 0. 000 Measurement option: Data source: QC tests: Verification Review disk file On Sample method Error calculation: Accidentals method: Measured

Isotopics id: Default Isotopics source code: Pu238:

Inspector name

Passive comment:

0D 0.0000 +-0.0000 +-0. 0000 0. 0000 0. 0000 0. 0000 0.0000 +-0.0000 +-00.0000 +-0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 Pu239: 100. 0000 0. 0000 0. 0000 Pu240: 100.0000 +-Pu241: 0.0000 +-0.0000 +-Pu242: 0.0000 Pu date: 00, 01, 01 20, 02, 04 0.0000 0.0000 Am241: 0.0000 +-Am date: 00.01.01 0. 0000 20. 02. 04

0.0000

(1)

Predelay: 1.50 Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0.0127 0.0000 Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0.0000 0.0000 0.0000 0.0001 0.0001

1.0000 +-Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0.000 +-0.000 +-0. 000 0. 000 0.000 +-0.000 0.000 0.000

Number passive cycles: Count time (sec): 10 60

Normalization constant:

Passive error messages

No passive calibration curve calibration No known alpha calibration

Results

Singles: Doubles: Triples: 495.867 +-6.997 +-0.000 +-1.013 0.190 0.000 Scaler 1: Scaler 2: 371. 160 +-0. 000 +-0.573 0.000

(2)

202002 AFAS-P Bottom Fork, txt

Passive cycle raw data

Scaler2 QC Tests 0 Pass 0 Pass Cycle Singles Scaler1 A 924 1348 1365 1332 1348 1388 1319 1396 1377 22112 22224 29952 922 30045 920 912 999 921 893 972 926 22118 Pass Pass 29682 22371 0 0 0 0 0 Pass Pass Pass Pass Pass Pass 29742 22207 29395 22229 22358 29626 29962 22414 29718 1342 22377 10 29637 1338 22286

Passive cycle rate data

Singles 496.017 Doubles 7. 067 7. 383 Mass 0.000 0.000 0.000 QC Tests Pass Pass Pass Cvcle Triples 0. 000 0. 000 0. 000 499. 200 500. 750 6. 867 7. 267 494, 700 0.000 0.000 0.000 Pass Pass 6. 483 495, 700 0.000 489.917 6. 633 8. 383 0.000 0.000 0.000 0.000 Pass Pass 493, 767 499. 367 6.750 0.000 0.000 0.000 Pass Pass 495, 300 6. 933 0.000 493.950 6.200 0.000 0.000

202002_AFAS-P Collar.txt 202002_AFAS-P Collar.txt

```
INCC 5.1.2
```

```
Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRICS id: JSR_GELECTRIC
                                                                                                                                                                                                           JM2G
AFAS
JSR_03
JSR-12
Detector id:
Electronics id:
Inventory change code:
1/0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
O tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                           20. 02. 04 10:41:17
024K4117. VER
                                                                                                                                                                                                         PWR COLLAR
                                                                                                                                                                                                    Pu
0.000
Verification
Review disk file
On
Sample method
Measured
            Isotopics id: Default
Isotopics source code: OD
Pu238: 0.0000
                                                                                                                       topics id: Default urce code: 0D
Pu238: 0.0000 +-
Pu239: 0.0000 +-
Pu240: 100.0000 +-
Pu241: 0.0000 +-
Pu242!: 0.0000 +-
Pu date: 00.01.01
Am date: 00.01.01
                                                                                                                                                                                                                                                                                                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                         0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.0000
0.0000
                                                                                                                                                                                                                                                                                                                         0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                          20. 02. 04
0. 0000
20. 02. 04
                                                                                                                                                                                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.0000
                                                                                                                                                                                                         1. 50
64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3457
0. 0299
0. 0000
                                                          Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
       Multiplicity deadtime:
Coefficient A deadtime:
     Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                            0.0001
0.0001
       Normalization constant:
                                                                                                                                                                                                                                          1.0000 +-
                                                                                                                                                                                                                                                                                                                                                0.0000
                                                                                                                                                                                                                                       0.000 +-
0.000 +-
0.000 +-
0.000
0.000
  Passive singles bkgrnd:
Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
            Number passive cycles:
Count time (sec):
```

No passive calibration curve calibration No known alpha calibration

Passive error messages

6022. 365 +-1030. 518 +-0. 000 +-49. 815 +-0. 000 +-Singles: Doubles: Triples: Scaler 1: Scaler 2: 2. 914 0. 000 0. 217 0. 000

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	361186	200235	139320	2960	0	Pass
2	362483	202179	140388	3021	0	Pass
3	360612	200437	138471	2985	0	Pass
4	361280	201442	139989	2980	0	Pass
5	359748	198446	137707	2984	0	Pass
6	361570	201738	139514	3004	0	Pass
7	360810	200619	138163	2981	0	Pass
8	361043	200870	139126	3060	0	Pass
9	361079	200646	138499	2903	0	Pass
10	361728	200972	139382	3011	0	Pass

Passive cycle rate data

Singles	Doubles	Triples	Mass	QC Tests
6022. 901	1017. 366	0.000	0.000	Pass
6044. 540	1032.004	0.000	0.000	Pass
6013. 324	1034. 916	0.000	0.000	Pass
6024. 469	1026. 352	0.000	0.000	Pass
5998. 909	1014. 418	0.000	0.000	Pass
6029. 308	1039. 231	0.000	0.000	Pass
6016. 628	1043. 101	0.000	0.000	Pass
6020. 515	1031. 211	0.000	0.000	Pass
6021. 116	1037. 942	0.000	0.000	Pass
6031.944	1028. 643	0.000	0.000	Pass
	6022.901 6044.540 6013.324 6024.469 5998.909 6029.308 6016.628 6020.515 6021.116	6022. 901 1017. 366 6044. 540 1032. 004 6013. 324 1034. 916 6024. 469 1026. 352 5998. 909 1014. 418 6029. 308 1039. 231 6016. 628 1043. 101 6020. 515 1031. 211 6021. 116 1037. 942	6022 001 1017 366 0 000 6044 540 1032 004 0 000 6013 324 1034 916 0 000 6024 489 1026 352 0 000 5998 909 1014 418 0 000 6029 308 1039 231 0 000 6029 515 1043 101 0 000 6020 515 1031 211 0 000 6021 116 1037 942 0 000	6022*001 1017.3666 0 000 0.000 6044.540 1032.004 0.000 0.000 6013.3224 1034.916 0.000 0.000 6024.456 1026.352 0.000 0.000 5988.909 1014.418 0.000 0.000 6029.308 1038.231 0.000 0.000 6016.628 1043.101 0.000 0.000 6020.515 1031.211 0.000 0.000 6021.116 1037.942 0.000 0.000

202002 AFAS-P Top Fork txt

(1)

INCC 5. 1. 2

Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_GELECTRICS id: JSR_GELECTRIC JSR_02 JSR-12 Inventory change code: I/O code:

I/O code: Measurement date: Results file name: Inspection number: Item id: Stratum id: 20. 02. 04 10:25:54 024K2554. VER PWR TF

Pu 0.000 Verification Review disk file On Sample method Measured Material type: Original declared mass: Measurement option:
Data source:
QC tests:
Error calculation: Accidentals method: Inspector name

Passive comment:

Isotopics id: Default s source code: OD Pu238: 0.0000 +-Pu239: 0.0000 +-Isotopics source code: 0.0000 +-0.0000 +-100.0000 +-0.0000 +-0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 100.0000 +-0.0000 +-0.0000 +-Pu240: Pu241: Pu242: Pu date: 00.01.01 20, 02, 04 0.0000 0. 0000 +-20. 02. 04 0.0000 Am241: 0.0000 +-Am date: 00.01.01

Predelay: 1.50 Gate length: 2nd gate length: 64. 00 64. 00 2nd gate length:
High voltage:
Die away time:
Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction: 1720 50. 0000 0. 0126 0. 0000 0.0000 0.0000 0.0000 0.0001 0.0001

1.0000 +-Normalization constant: 0.0000 Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0.000 +-0.000 +-0. 000 0. 000 0.000 +-0.000 0.000 0.000

(1)

Number passive cycles: Count time (sec): 10 60

Passive error messages

No known alpha calibration

Results

Singles:	5.948 +-	0.128
Doubles:	0.007 +-	0.004
Triples:	0.000 +-	0.000
Scaler 1:	347. 197 +	0.633
Scaler 2:	0 000 +-	0.000

(2)

202002 AFAS-P Top Fork txt

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	370	1	0	20771	0	Pass
2	321	0	0	20727	0	Pass
3	338	0	0	20954	0	Pass
4	377	2	0	20755	0	Pass
5	318	1	0	21002	0	Pass
6	369	0	0	20858	0	Pass
7	356	0	0	20900	0	Pass
8	366	0	0	20938	0	Pass
9	361	0	0	20800	0	Pass
10	303	0	0	20613	0	Pace

Passive cycle rate data

Cvcle	Singles	Doub I es	Triples	Mass	QC Tests
1	6. 167	0.017	0.000	0.000	Pass
2	5. 350	0.000	0.000	0.000	Pass
3	5. 633	0.000	0.000	0.000	Pass
4	6. 283	0.033	0.000	0.000	Pass
5	5. 300	0.017	0.000	0.000	Pass
6	6. 150	0.000	0.000	0.000	Pass
7	5. 933	0.000	0.000	0.000	Pass
8	6. 100	0.000	0.000	0.000	Pass
9	6.017	0.000	0.000	0.000	Pass
10	6. 550	0.000	0.000	0.000	Pass

202003_AFAS-B Bottom Fork.txt 202003_AFAS-B Bottom Fork.txt

```
INCC 5.1.2
```

Facility:

Material balance area:
Detector type:
Detector id:
Electronics id:
Measurement date:
Results file name:
Inspection number:
Measurement option:
Data source:
QC tests:
Accidentals method:
Inspector name:
Passive comment: JMOX XXXX BWR BOTTOM AFASB-Bot AMSR 20.03.02 10:48:53 032K4853.NOR Normalization Shift register On Measured JAEA 1. 50 64. 00 64. 00 1720 50. 0000 0. 0001 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001 Predelay: Predelay:
Gate length:
And gate length:
High voltage:
Die away time:
Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction: 0.698 +-0.000 +-0.000 +-0.000 0.000 Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0. 028 0. 000 0. 000

Results

Number passive cycles: Count time (sec):

394. 160 +4. 253 +0. 054 +0. 008 +-0. 179 +0. 000 +0. 000 +-Singles: 0.875 0. 875 0. 179 0. 026 0. 004 0. 235 0. 000 0. 000 Doubles: Triples: Quads: Quads/Triples: Scaler 1: Scaler 2:

Normalization results for reference source: H4-694

1.0000 +-389.1965 +-394.1600 +-0.9874 +-1.0000 +-Current normalization constant: 0. 0000 0. 2410 0. 8753 0. 0396 0. 0000 Cf252 expected singles rate: Cf252 measured singles rate: Singles rate expected/measured: New normalization constant: Normalization test Passed.

(1)

202003 AFAS-B Collar.txt INCC 5. 1. 2

20. 03. 02 10:36:48 032K3648. NOR

1.50 64.00 64.00

Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: 64. 00 1720 50. 0000 0. 1970 160. 0000 0. 6419 0. 1030 0. 0000 0. 6825 0. 4761 Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:

Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 6. 925 +-0. 007 +-0. 000 +-0. 000 0. 000 0.108 0. 003 0. 000

20 30 Number passive cycles: Count time (sec):

Results

7219. 235 +1551. 693 +188. 195 +10. 653 +0. 052 +0. 000 +-Singles: Doubles: Triples: Quads: 4. 347 3. 793 3. 824 2. 864 Quads/Triples: Scaler 1: 0. 015 0. 000 Scaler 2: 0.000 +-0.000

Normalization results for reference source: H4-694

Current normalization constant: Cf252 expected doubles rate: Cf252 measured doubles rate: Doubles rate expected/measured: New normalization constant: Normalization test Passed. 1.0000 +-1535.8810 +-1551.6925 +-0.9898 +-1.0000 +-0.0000 1.9924 3. 7932 0. 0027 0. 0000

(1)

Passive cycle rate data

Cycle	Singles	Doub I es	Triples	QC Tests
1	389. 102	3. 833	-0.096	Pass
2	397. 235	4. 933	0. 141	Pass
3	391.535	4. 533	0. 120	Pass
4	389. 402	4. 467	0.088	Pass
5	396. 768	2. 867	-0. 140	Pass
6	397. 002	4. 233	0. 125	Pass
7	396. 702	5. 900	0.350	Pass
8	398. 368	3. 867	0.001	Pass
9	388. 202	5. 500	-0.003	Pass
10	392. 202	5. 300	0.001	Pass
11	399.068	4. 000	0.098	Pass
12	386. 802	3. 800	-0.094	Pass
13	401.468	3. 800	-0. 031	Pass
14	392.602	4. 867	0. 144	Pass
15	395. 535	4. 800	-0. 088	Pass
16	395. 435	3. 667	0. 140	Pass
17	396. 502	4. 367	0. 122	Pass
18	392. 168	2. 933	0.093	Pass
19	393. 302	3. 500	0.045	Pass
20	393. 802	3. 900	0.068	Pass

(2)

202003 AFAS-B Collar.txt

Passive cycle rate data

1 0001 00	Cycle late (ia La		
Cycle	Singles	Doubles .	Triples	QC Tests
1	7179. 191	1570. 823	216. 525	Pass
2	7229. 206	1576. 700	211. 216	Pass
3	7226. 366	1542. 204	183. 286	Pass
4	7207. 422	1538. 970	151.008	Pass
5	7207. 790	1563. 685	182. 202	Pass
6	7243.874	1563. 889	183. 767	Pass
7	7188. 545	1529. 073	189. 249	Pass
8	7202. 377	1527. 881	177. 423	Pass
9	7243. 072	1537. 063	167. 351	Pass
10	7229. 306	1552. 387	180. 487	Pass
11	7201.509	1558. 287	196. 939	Pass
12	7242. 003	1542. 990	178. 447	Pass
13	7227. 402	1552. 285	184. 846	Pass
14	7196. 898	1558. 015	210. 204	Pass
15	7248. 885	1591. 790	196. 420	Pass
16	7207. 155	1526. 111	183. 134	Pass
17	7227. 034	1538. 822	169.088	Pass
18	7225. 631	1551. 212	182. 631	Pass
19	7220. 820	1552. 948	215. 200	Pass
20	7230, 208	1558. 718	204. 484	Pass

202003_AFAS-B Top Fork.txt 202003_AFAS-B Top Fork.txt

Passive cycle rate data

Cycle

Singles

379. 362 367. 762 377. 628

379. 395 371. 228 370. 762 381. 595 369. 162 372. 695

378. 295 376. 895 377. 262 375. 062

380. 462 367. 728

373. 962 375. 462 375. 528 376. 895 378. 695

4. 000 3. 167

3. 933 3. 633 3. 500 3. 600 3. 533 3. 667 4. 667 5. 233 4. 200 4. 567 4. 433 4. 300 3. 967 4. 633

```
INCC 5.1.2
```

```
Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                       JMOX
XXXX
BWR TOP
AFASB-Top
                                                                                       AMSR
20. 03. 02 10:24:41
032K2441. NOR
               Electronics id:
Measurement date:
Results file name:
Inspection number:
Measurement option:
Data source:
QC tests:
Accidentals method:
Inspector name:
Passive comment:
                                                                                       Normalization
Shift register
                                                                                      On
Measured
JAEA
                                                                                           1.50
64.00
64.00
1720
50.0000
0.0080
0.0000
0.0000
0.0000
                                                  Predelay:
                         Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
  Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                      0.0001
0.0001
 Passive singles bkgrnd:
Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                    0.805 +-
0.000 +-
0.000 +-
0.000
0.000
                                                                                                                                                  0. 037
0. 000
0. 000
     Number passive cycles:
Count time (sec):
Results
                                                                                                                                              375, 292 +-
                                                                                          Singles:
                                                                                                                                                                                                  0.936
                                                                                          Doubles:
Triples:
```

4. 017 +-0. 007 +-0. 001 +-0. 009 +-0. 000 +-0. 000 +-0. 116 0. 020 0. 002 0. 035 Quads Quads/Triples Scaler 1: Scaler 2: 0.000 0.000

Normalization results for reference source: H4-694

1.0000 +-372.4224 +-375.2917 +-0.9924 +-1.0000 +-Current normalization constant: 0. 0000 0. 2442 0. 9356 0. 0398 0. 0000 Cf252 expected singles rate: Cf252 measured singles rate: Singles rate expected/measured: New normalization constant: Normalization test Passed.

(1)

202003 AFAS-P Bottom Fork, txt

INCC 5. 1. 2

```
Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
Measurement date:
Results file name:
Inspection number:
Measurement option:
                                                                                 XXXX
PWR BOTTOM
AFASP-Bot
AMSR
                                                                                 AMSR
20. 03. 02 14:46:57
03204657. NOR
                                                                                Normalization
              Measurement option:
    Data source:
    QC tests:
Accidentals method:
    Inspector name:
    Passive comment:
                                                                               Shift register
On
Measured
JAEA
                                            Predelay:
                                                                                                 1.50
                       Gate length:
2nd gate length:
                                                                                          64. 00
64. 00
                                                                                    64. 00
1720
50. 0000
0. 0001
0. 0000
0. 0000
                           znd gate rength.
High voltage:
Die away time:
Efficiency:
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                              0.0000
                                                                                                0.0001
                                                                                              0.0001
Passive singles bkgrnd:
Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                              0.000 +-
0.000 +-
                                                                                                                                         0. 000
0. 000
                                                                                              0.000
0.000
    Number passive cycles:
Count time (sec):
                                                                                                         20
30
```

Results

363. 597 +-3. 545 +-0. 030 +-0. 001 +-Singles: Doubles: 0. 697 0. 158 Triples: Quads: 0. 020 0. 002 Quads/Triples: Scaler 1: -0.004 +-0.000 +-0. 023 0. 000 Scaler 2: 0.000 +-0.000

Normalization results for reference source: H4-694

Current normalization constant: 1.0000 +-358.0718 +-0.0000 0.2769 Cf252 expected singles rate:
Cf252 measured singles rate:
Cf252 measured singles rate:
Singles rate expected/measured:
New normalization constant:
Normalization test Passed. 0. 6973 0. 0394 0. 0000 363.5967 +-0.9848 +-1.0000 +-

202003 AFAS-P Bottom Fork, txt

(2)

Triples QC Tests 0.037 Pass 0.025 Pass 0.072 Pass 0.072 Pass 0.039 Pass 0.039 Pass 0.045 Pass 0.046 Pass 0.016 Pass 0.014 Pass 0.099 Pass 0.040 Pass 0.050 Pass 0.050 Pass 0.020 Pass 0.020 Pass 0.027 Pass 0.027

0. 127 -0. 070 -0. 162 0. 197 0. 020

Passive cycle rate data 3. 167 2. 733 3. 867 Triples QC Tests 0.025 Pass -0.030 Pass -0.056 Pass Cvcle Singles 366.860 362. 193 358. 627 368. 260 363. 493 2. 833 3. 100 0. 166 0. 061 Pass Pass 368.060 363.160 3. 600 3. 367 -0. 052 0. 221 Pass Pass 359. 060 362. 927 364. 660 0. 135 -0. 016 -0. 030 0. 064 0. 014 4. 233 3. 533 Pass Pass 4. 133 2. 967 3. 700 10 11 12 13 14 15 16 17 18 19 20 363. 893 360. 160 -0. 068 -0. 010 -0. 016 359.060 2. 933 3. 200 3. 533 4. 767 4. 633 5. 067 2. 700 2. 833 369, 693 363.060 362. 993 362. 127 365. 760 365. 560 362. 327 0. 188 0. 126 -0. 018 0. 003 -0. 100

Passive cycle rate data

Cycle

Singles

5903. 452 5903. 552 5879. 928 5880. 062 5863. 478 5901. 784 5903. 319 5890. 372 5918. 134 5895. 477 5891. 740 5899. 315

5901. 484 5920. 269

5918. 401 5908. 591 5944. 895 5914. 897

5918.868

1018. 152 1014. 529 1024. 115

1024. 113 1018. 128 1007. 707 1016. 653 997. 026 1007. 248 1012. 253

1012. 253 1022. 985 991. 346 1018. 466 1012. 023 1021. 543 1014. 869

1021. 248 1005. 212 1020. 857 1031. 301 1009. 725 71 riples 0C Tests 89.893 Pass 104.226 Pass 104.964 Pass 95.996 Pass 103.275 Pass 109.221 Pass 99.8102 Pass 95.935 Pass 106.678 Pass 101.872 Pass 101.872 Pass 104.802 Pass 105.870 Pass 104.802 Pass 91.379 Pass 101.128 Pass 91.379 Pass 91.379 Pass 91.379 Pass 91.379 Pass 95.498 Pass 97.480 Pass 98.880 Pass 98.880 Pass 97.480 Pass 98.880 Pass 97.480 Pass 98.880 Pass 97.480 Pass 98.880 Pass 98.880 Pass 98.880 Pass 98.880 Pass 98.880 Pass 98.880 Pass 97.480 Pass 98.880 Pass 99.880 Pass 98.880 Pass 99.880 Pass

(2)

202003 AFAS-P Top Fork txt

Triples QC Tests 0.128 Pass -0.083 Pass -0.029 Pass

0. 295 Pass 0. 311 Pass

0.132 Pass -0.004 Pass

0. 016 0. 060 -0. 048 0. 059 -0. 118 0. 072 0. 012

0. 001 0. 219 0. 129 -0. 036

0. 080 -0. 073 Pass Pass Pass Pass Pass

```
INCC 5.1.2
```

Facility: JMMOX
Material balance area: XXXXX
Detector type: COLLAR
Detector id: AFASP
Electronics id: AMSR
Measurement date: Collar inspection number:
Measurement option: Data source: Shift register
OC tests: On Accidentals method: Measured
Inspector name: JAEA
Accidentals method: Measured
Inspector name: JAEA
Passive comment:

Predelay: 1.50
Gate length: 64.00
2nd gate length: 64.00
2nd gate length: 64.00
2nd gate length: 64.00
Efficient 64.00
Multiplicity deadtime: 50.0000
Multiplicity deadtime: 86.5000
Coefficient B deadtime: 0.0299
Coefficient B deadtime: 0.0299
Coefficient C deadtime: 0.0000
Iriples gate fraction: 0.4260

Number passive cycles: 20 Count time (sec): 30

Results

 Singles:
 5905. 262 + 4.528

 Doubles:
 1014. 269 + 2.108

 Triples:
 98. 682 + 1.539

 Quads:
 5.849 + 1.544

 Quads/Triples:
 0.057 + 0.015

 Scaler 1:
 0.000 + 0.000

 Scaler 2:
 0.000 + 0.000

Normalization results for reference source: H4-694

 Current normalization constant:
 1.0000 ←
 0.0000

 Cf252 expected doubles rate:
 1008.4284 ←
 1.5302

 Cf252 measured doubles rate:
 1014.2689 ←
 2.1080

 Doubles rate expected/measured:
 0.9942 ←
 0.0026

 Now normalization constant:
 1.0000 ←
 0.0000

 Normalization test Passed.

(1)

202003 AFAS-P Top Fork txt

Passive cycle rate data

Singles 340.382

332. 915 333. 915 336. 748 340. 548

338. 882 335. 048

335. 315 336. 648

333, 615

341. 148 334. 915

344.082

339, 715

343.915

336. 982 336. 515

339, 482

332. 382 334. 415 3. 300 3. 867 2. 867

3. 300 4. 067

3. 100 3. 300

2. 367 1. 867

3. 800 3. 400

3. 933 2. 733

4. 033 2. 967 3. 700 3. 267 3. 200

2. 500 3. 367

Cvcle

INCC 5. 1. 2

Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
Measurement date:
Results file name:
Inspection number:
Measurement option:
Data source:
QC tests:
Accidentals method:
Inspector name:
Passive comment: JMOX XXXX PWR TOP AFASP-Top AMSR 20. 03. 02 14:14:07 03201407. NOR Normalization Database On Measured JAEA Predelay: 1.50 Gate length: 2nd gate length: 64. 00 64. 00 znd gate rength. High voltage: Die away time: Efficiency: 1720 50. 0000 0. 0126 0. 0000 0. 0000 Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0.0000 0.0001 0.0001 Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 1.485 +-0.052 0.000 +-0.000 +-0. 000 0. 000 0.000 0.000 Number passive cycles: Count time (sec): 20 30

Results

Normalization results for reference source: H4-694

 Current normalization constant:
 1,0000 ←
 0,0000

 Cf252 expected singles rate:
 33,1867 ←
 0,2627

 Cf252 measured singles rate:
 33,37,3783 ←
 0,7805

 Singles rate expected/measured:
 0,9876 ←
 0,0396

 New normalization tost Passed.
 1,0000 ←
 0,0000

(1)

【AFAS 性能確認試験】

(2) 2.3 AFAS の機器の健全性確認(ノーマリゼーション) 方法の検討

AFAS-B_D9-534_Back.txt AFAS-B_D9-534_Back.txt

```
INCC 5.1.2
```

Facility: Material balance area: JMOX XXXX Detector type: Detector id: Electronics id: COLL AR-BWR AMSR Measurement date: Results file name: 19. 07. 08 16:03:23 978Q0323. RTS D9-534 back Rates Only Detector configuration:
Data source:
QC tests:
Error calculation: Passive Shift register On Sample method Accidentals method: Inspector name: Measured Passive comment: Predelay: Gate length: 2nd gate length: 64.00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0.1970 Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: 160,0000 0.1030 Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0.0000 0.6825 0.4761 Normalization constant: 1 0000 +-0.0000 Passive singles bkgrnd: 8.053 +-0.167 Passive doubles bkgrnd: Passive triples bkgrnd: 0. 012 +-0. 000 +-0.004 Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0.000 20 30 Number passive cycles:

AFAS-B D9-534 Front txt

0.000

0. 000 0. 000

30

(1)

INCC 5.1.2

Results

Count time (sec):

Facility:

JMOX XXXX Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
Measurement date:
Results file name: COLLAR-BWR AFASB AMSR 19. 07. 08 15:51:36 978P5136, RTS Inspection number:
Item id:
Measurement option:
Detector configuration: D9-534 Rates Only Passive Data source: QC tests: Shift register Error calculation: Sample method Accidentals method: Inspector name: Passive comment: Predelav: 1.50 Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0.1970 Multiplicity deadtime: Coefficient A deadtime: 160. 0000 0. 6419 Coefficient B deadtime: Coefficient C deadtime: 0. 1030 0. 0000 Doubles gate fraction: Triples gate fraction: 0.6825 Normalization constant: 1.0000 +-0.0000 Passive singles hkgrnd: 8 053 +-0 167 0. 012 +-0. 000 +-

Number passive cycles: Count time (sec): Results

Passive doubles bkgrnd: Passive triples bkgrnd:

Passive scaler1 bkgrnd: Passive scaler2 bkgrnd:

AFAS-B_D9-534_Front.txt

(2)

746. 191 +-

61.348 +-

2. 810 +-0. 084 +-

0 022 +-

0.000 +-

Triples QC Tests 1.571 Pass

3 846 Pass

Pass Pass

Pass

Pass Pass

Pass Pass

2. 630 2. 349 Pass

3. 913 Pass

2. 162 2. 316

3.579 Pass

3. 434 2. 320 Pass Pass

2.946 Pass

1.900 Pass

1. 540 2. 497 3. 141 3. 516

3. 223 Pass

2. 663 3. 141 Pass Pass 0.424

0. 162

0.017

0.000

Singles:

Doubles:

Triples:

Scaler 2:

Doubles

59. 517

61. 785 57. 883

62.919

61. 451

61. 218

61.818

63. 819 63. 453

62, 652

60. 418 57. 616

58. 883 62. 219

63. 486 64. 520

60.517

60. 751 61. 318

Quads/Triples: Scaler 1:

Passive cycle rate data

Singles

749.672

752. 073 734. 435

752, 406

745. 704

749. 705 740. 970 749. 739

749. 739 744. 971 750. 739 746. 005 747. 672 740. 470

740. 470 739. 670 754. 940 745. 271 747. 938 735. 669

746. 271 749. 505

Cycle

6 7

8 9 10

16 17

18

20

Quads:

Singles: 739. 128 +-60. 893 +-2. 934 +-0. 089 +-0. 526 0. 150 0. 039 Doubles: Triples: Quads: 0. 026 +-0. 000 +-0. 013 0. 000 Quads/Triples: Scaler 1: Scaler 2: 0 000 +-0.000

Passive cycle rate data

Cycle	Singles	Doub I es	Triples	QC Tests
1	744. 804	61.051	3. 299	Pass
2	733. 835	58. 550	2. 180	Pass
3	738. 769	58. 183	2. 755	Pass
4	746. 138	58. 116	2. 256	Pass
5	756. 074	65. 087	2.852	Pass
6	738. 003	62. 818	3.878	Pass
7	737. 469	63. 119	4. 704	Pass
8	733. 935	57. 416	2. 474	Pass
9	737. 002	63. 285	2.948	Pass
10	733. 535	58. 216	2. 433	Pass
11	740. 237	60. 784	2. 453	Pass
12	741. 170	61. 351	4. 206	Pass
13	746. 705	61. 318	2. 436	Pass
14	732. 835	60. 717	2. 557	Pass
15	745. 004	61.318	2.910	Pass
16	723. 266	60. 517	2. 801	Pass
17	737. 569	61. 618	2.390	Pass
18	734. 402	56. 915	3.004	Pass
19	741. 237	64. 086	2.663	Pass
20	740. 570	63. 385	3.469	Pass

AFAS-B_D9-534+WW-906_Back. txt

Doubles:

Triples:

Scaler 2:

Doubles

84, 341

77. 004 81. 340

81, 639

78.704

83.541

80. 972 81. 239

80 973

73. 267

77. 937 78. 704

80. 372 79. 638

81. 406 79. 371

83.908

Quads/Triples: Scaler 1:

Passive cycle rate data

Singles

963, 165

973. 968 975. 802

966 766

959. 030

957. 330

967. 399 967. 899

967, 899 966, 166 963, 165 974, 735 969, 900 958, 130

959. 930 967. 599

965. 932 958. 230

962.931

966. 832 973. 801

Cycle

6 7

8 9 10

16 17

18

19

20

Quads:

80. 289 +-

3. 531 +-0. 001 +-

-0 008 +-

0.000 +-

Triples QC Tests 5.756 Pass

Pass

Pass

Pass

Pass

Pass Pass

3. 310 3. 466

2. 917 3. 448

3.991 Pass

3.431 Pass

3. 471 4. 337 Pass Pass

2.687 Pass

4. 212 Pass

1.737 Pass

3. 561 3. 606 Pass Pass

3. 301 4. 364

3.895 Pass

2. 658 2. 839 Pass Pass

(2)

AFAS-B_D9-534+WW-906_Front.txt

957. 421 +-79. 006 +-3. 761 +-0. 176 +-

0. 048 +-0. 000 +-

0 000 +-

Triples QC Tests

3. 082 Pass 3. 429 Pass

3 790 Pass Pass

4.418 Pass

3. 697 3. 946 Pass Pass

4. 217 Pass Pass

3.676

3. 452 4. 196 Pass Pass

3 509 Pass

3.914 Pass

3. 257 2. 504 Pass Pass

3. 795 4. 154 Pass Pass

4.478 Pass

Pass

Pass

0. 571 0. 163 0. 043

0.014

0.000

Singles:

Doubles:

Triples:

Scaler 2:

Doubles |

77. 169 80. 238

77 270

75.068

81. 572 81. 773

80. 639

78.870

77. 402 81. 772

77. 536

76.569

77. 236 76. 102

78. 904 82. 674

81.139

Quads/Triples: Scaler 1:

Passive cycle rate data

Singles

950. 561 957. 029

961 931

944, 259

954. 095 962. 431

969,000

950, 261

947. 660 958. 963

955, 496

952, 995

947. 827 960. 130

959. 764 969. 233

964. 832

Cycle

3

8

10

11 12

13 14 15

16 17

18 19

20

Quads:

0.569

0. 183 0. 048

0.015

0.000

INCC	5.1.2	

Facility: Material balance area: JMOX XXXX Detector type: Detector id: Electronics id: COLL AR-BWR AMSR Measurement date: Results file name: 19. 07. 08 15:38:44 978P3844. RTS

Inspection number: Item id: Measurement option: D9+WW Back

Detector configuration:
Data source:
QC tests:
Error calculation: Shift register On Sample method Accidentals method: Inspector name: Measured Passive comment:

Rates Only

Predelay: Gate length: 2nd gate length: 64 00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0.1970 Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: 160,0000 0.1030 Coefficient C deadtime: Doubles gate fraction: 0.0000 0.6825 Triples gate fraction: 0.4761

Normalization constant: 1 0000 +-0.0000

Passive singles bkgrnd: 8.053 +-0.167 Passive doubles bkgrnd: Passive triples bkgrnd: 0. 012 +-0. 000 +-0.004 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd

20 30 Number passive cycles: Count time (sec):

Results

(1)

AFAS-B D9-534+WW-906 Front txt

INCC 5.1.2

Facility: JMOX XXXX Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
Measurement date:
Results file name: COLLAR-BWR AFASB AMSR 19. 07. 08 15:27:07 978P2707. RTS

Inspection number:
Item id:
Measurement option:
Detector configuration: Rates Only Passive Data source: QC tests: Shift register Error calculation: Sample method Accidentals method: Inspector name: Passive comment:

D9+WW Front

Predelay: 1.50 Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0.1970 Multiplicity deadtime: Coefficient A deadtime: 160.0000 0. 6419 Coefficient B deadtime: Coefficient C deadtime: 0. 1030 0. 0000 Doubles gate fraction: Triples gate fraction: 0.6825

Normalization constant: 1.0000 +-0.0000 Passive singles hkgrnd: 8 053 +-0 167

0. 012 +-0. 000 +-Passive doubles bkgrnd: Passive triples bkgrnd: 0.000 0. 000 0. 000 Passive scaler1 bkgrnd: Passive scaler2 bkgrnd:

(1)

Number passive cycles: Count time (sec): 30

Results

(2)

添付-50

AFAS-B_H4-694_Back.txt AFAS-B_H4-694_Back.txt

INCC 5.1.2

Facility: Material balance area: JMOX XXXX Detector type: Detector id: Electronics id: COLL AR-BWR AFASB AMSR Measurement date: Results file name: 19. 07. 05 11:10:48 975L1048. RTS H4-694 Back Rates Only Detector configuration:
Data source:
QC tests:
Error calculation: Passive Shift register On Sample method Accidentals method: Inspector name: Measured Passive comment: Predelay: Gate length: 2nd gate length: 64.00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0. 1970 Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: 160,0000 0. 6419 0. 1030 Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0.0000 0.6825 0.4761 Normalization constant: 1 0000 +-0.0000 Passive singles bkgrnd: 7. 615 +-0.103 Passive doubles bkgrnd: Passive triples bkgrnd: 0. 003 +-0. 000 +-0.002

(1)

0.000

20 30

AFAS-B H4-694 Front txt

INCC 5.1.2

Results

Passive scaler1 bkgrnd: Passive scaler2 bkgrnd:

Number passive cycles: Count time (sec):

Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
Measurement date:
Results file name: JMOX XXXX COLLAR-BWR AFASB AMSR 19. 07. 05 10:59:00 975K5900. RTS Inspection number:
Item id:
Measurement option:
Detector configuration: H4-694 Front Rates Only Passive Data source: QC tests: Error calculation: Shift register Sample method Accidentals method: Inspector name:

Predelav: 1.50 Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0.1970 Multiplicity deadtime: Coefficient A deadtime: 160. 0000 0. 6419 Coefficient A deadtime.
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction: 0. 1030 0. 0000 0.6825 Normalization constant: 1.0000 +-

Passive comment:

Passive singles bkgrnd: 7 615 +-0 103 0. 003 +-0. 000 +-Passive doubles bkgrnd: Passive triples bkgrnd: 0.000 Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0. 000 0. 000

0.0000

Number passive cycles: Count time (sec): 30

Results

Singles: 3647. 195 +-305, 763 +-1.994 Doubles: Triples: 14. 325 +--0. 017 +-0. 554 Quads: Quads/Triples: Scaler 1: Scaler 2: -0 009 +-0 022 0.000 +-0.000 +-0.000

Passive cycle rate data

Cycle	Singles	Doub I es	Triples	QC Tests
1	3656. 773	305. 682	15. 169	Pass
2	3636. 415	298. 026	15. 306	Pass
3	3661. 778	306. 919	17. 622	Pass
4	3647. 862	306. 348	13. 635	Pass
5	3625. 936	305. 876	14. 452	Pass
6	3650. 699	309. 523	17. 515	Pass
7	3668. 653	307. 622	15. 815	Pass
8	3665. 182	308. 557	17. 490	Pass
9	3646. 827	315. 402	12. 320	Pass
10	3629. 808	299. 729	9. 184	Pass
11	3657. 039	294. 990	9.632	Pass
12	3648. 363	318. 978	12.056	Pass
13	3640. 987	322. 217	14. 570	Pass
14	3624. 868	288. 970	13.608	Pass
15	3651. 933	301. 738	15. 897	Pass
16	3624. 435	307. 346	16.845	Pass
17	3657. 974	319.848	14. 806	Pass
18	3625. 369	305. 675	14. 752	Pass
19	3673. 058	300. 339	15. 136	Pass
20	3649. 931	291. 480	10.683	Pass

(2)

AFAS-B_H4-694_Front.txt

Singles: 3619.537 +-3.192 300. 881 +-14. 985 +-0. 639 +-1. 872 0. 609 0. 357 Doubles: Triples: Quads: 0. 034 +-0. 000 +-0. 026 0. 000 Quads/Triples: Scaler 1: Scaler 2: 0 000 +-0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	3600. 640	304. 434	20. 675	Pass
2	3648. 930	306. 682	18. 516	Pass
3	3622. 666	315. 832	11. 292	Pass
4	3606. 714	286. 427	14. 248	Pass
5	3608. 082	305. 806	12. 147	Pass
6	3610. 452	311. 352	16.799	Pass
7	3625. 135	306. 243	16.925	Pass
8	3632. 477	288. 002	11.691	Pass
9	3630. 675	293. 147	12. 339	Pass
10	3614. 189	299. 626	17. 817	Pass
11	3619. 395	305. 875	13.403	Pass
12	3641. 688	314. 265	15. 235	Pass
13	3629. 107	302. 435	14. 761	Pass
14	3601.675	293. 877	13.508	Pass
15	3635. 714	303. 004	14. 415	Pass
16	3612. 454	296. 518	13.326	Pass
17	3624. 835	299. 661	11. 921	Pass
18	3601. 274	293. 409	19.730	Pass
19	3601.642	301. 394	14.800	Pass
20	3623. 000	289. 638	16. 133	Pass

```
AFAS-B_I7-106_Back.txt
                                                                                                                                                                                                   AFAS-B_I7-106_Back.txt
INCC 5.0.6
                                                                                                                                                                                               Doubles:
                                                                                                                                                                                                                       400. 843 +-
                                                                                                                                                                                                                        18. 708 +-
1. 394 +-
0. 043 +-
                                                                                                                                                                                               Triples:
                                                                                                                                                                                                                                              1.347
                     Facility:
                                       JMOX
                                                                                                                                                                                                  Quads:
                                                                                                                                                                                                                                             0. 597
  Material balance area:
                                       XXXX
                                                                                                                                                                                      Quads/Triples:
            Detector type:
Detector id:
Electronics id:
                                      COLL AR-BWR
                                                                                                                                                                                              Scaler 1:
                                                                                                                                                                                                                          0 000 +-
                                                                                                                                                                                                                                              0.000
                                       AFASB
                                                                                                                                                                                              Scaler 2
                                      AMSR
        Measurement date:
Results file name:
                                      19. 07. 09 10:16:00
979K1600. RTS
                                                                                                                                                        Cycle rate data
      Triples QC Tests
20.131 Pass
27.990 Pass
                                                                                                                                                        Cvcle
                                                                                                                                                                        Singles
                                                                                                                                                                                             Doubles |
                                                                                                                                                                       4823. 486
4832. 767
                                                                                                                                                                                             400. 736
424. 880
                                      I7-106 back
                                      Rates Only
 Detector configuration:
Data source:
QC tests:
                                                                                                                                                                                             404. 212
390. 436
407. 617
                                                                                                                                                                       4819. 981
                                                                                                                                                                                                                    20. 338
15. 916
                                      Shift register
                                                                                                                                                                       4816, 542
                                                                                                                                                                                                                               Pass
                                      On
Sample method
                                                                                                                                                                                                                    21. 567
27. 973
                                                                                                                                                            5
                                                                                                                                                                       4796, 645
                                                                                                                                                                                                                               Pass
        Error calculation:
                                                                                                                                                                       4821. 450
                                                                                                                                                                                              420. 898
                                                                                                                                                                                                                                Pass
       Accidentals method:
Inspector name:
                                                                                                                                                                                                                    10. 446
13. 682
                                      Measured
                                                                                                                                                                       4794.608
                                                                                                                                                                                              391.801
                                                                                                                                                                                                                               Pass
                                                                                                                                                                                             400. 978
407. 418
412. 173
398. 425
                                                                                                                                                                       4854. 100
4804. 857
                                                                                                                                                                                                                                Pass
                                                                                                                                                                                                                    26, 668
                       Comment:
                                                                                                                                                                                                                               Pass
Comment:
Normalization constant:
Passive singles bkgrnd:
Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                   24. 943
22. 068
13. 336
5. 124
16. 223
                                                                                                                                                           10
11
                                                                                                                                                                       4828. 961
4807. 127
                                                                                                                                                                                                                               Pass
Pass
                                            1.0000 +-
                                                                0.0000
                                             7. 858 +-
                                                                0.124
                                            0 005 +-
                                                                0.003
                                                                                                                                                                       4812, 102
                                                                                                                                                                                              385. 018
                                                                                                                                                                                                                                Pass
                                                                                                                                                           12
13
14
15
16
17
                                            0.000 +-
0.000
                                                                                                                                                                                                                                Pass
                                                                                                                                                                                              397. 888
                                                                                                                                                                       4799, 449
                                                                                                                                                                                                                               Pass
                                                                                                                                                                       4815. 974
4817. 310
                                                                                                                                                                                             403. 509
380. 605
                                                                                                                                                                                                                    24. 296
14. 725
                                                                                                                                                                                                                                Pass
Pass
 Passive scaler2 bkgrnd:
                                            0.000
                                                                                                                                                                                             400. 196
416. 622
                                                                                                                                                                                                                    19. 534
16. 193
          Number of cycles:
                                                                                                                                                                       4806, 359
                                                                                                                                                                                                                               Pass
          Count time (sec):
                                                                                                                                                                                                                                Pass
                                                                                                                                                           19
                                                                                                                                                                       4808. 296
                                                                                                                                                                                              395, 951
                                                                                                                                                                                                                    18. 284 Pass
                     Predelay:
                                             1. 50
                                                                                                                                                                       4824. 454
           Gate length:
2nd gate length:
High voltage:
                                           64. 00
                                           64.00
              Die away time:
Efficiency:
                                          50, 0000
  Multiplicity deadtime:
                                          160,0000
 Coefficient A deadtime:
Coefficient B deadtime:
                                            0. 6419
0. 1030
 Coefficient C deadtime:
Doubles gate fraction:
                                            0.0000
  Triples gate fraction:
                                            0.4761
```

Results

4817, 046 +-3. 258 Singles:

> (1) (2)

AFAS-B I7-106 Front txt AFAS-B_I7-106_Front.txt

INCC 5.0.6 Doubles: 1.671 17. 936 +-1. 123 +-0. 045 +-Triples: 0.986 Quads: 0. 540 Facility: Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
Measurement date:
Results file name: Quads/Triples: XXXX 0.030 COLLAR-BWR AFASB Scaler 1: Scaler 2: 0. 000 +-0. 000 +-0. 000 0. 000 AMSR 19.07.09 10:04:18 Cycle rate data 979K0418. RTS Cycle Singles

Inspection number:
Item id:
Measurement option:
Detector configuration: Doubles 400. 483 375. 783 Triples QC Tests 15.454 Pass I7-106 Front 4751. 308 4786. 095 Rates Only Passive 15. 938 17. 495 Pass 4783. 057 390. 661 Pass 402. 600 396. 375 400. 260 Data source: QC tests: Shift register 4790 535 17 261 Pass 4768. 969 Error calculation: Sample method 4792, 672 20.850 Pass 6 Accidentals method: Inspector name: Measured JAEA 4795. 343 4769. 503 390. 831 408. 713 23. 624 Pass 22. 417 Pass 393. 941 392. 969 381. 269 Comment: 4793 840 23. 153 10. 497 Pass Normalization constant: 1.0000 +-0.0000 7.858 +-4797, 913 12.305 Pass Passive singles bkgrnd: 0.124 11 Passive doubles bkgrnd: Passive triples bkgrnd: 0. 005 +-0. 000 +-0.003 12 13 4797. 245 4800. 784 386. 753 394. 243 20. 171 11. 165 Pass Pass 0.000 Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0.000 14 15 4766, 298 394, 937 19. 204 Pass 19.060 Pass 4793, 640 386, 217 16 15.903 Pass

Number of cycles: Count time (sec): 17 18 4784. 025 4780. 787 396. 780 391. 296 13. 469 17. 431 Pass Pass 30 4771. 439 4772. 107 399. 686 390. 324 24. 805 Pass 14. 071 Pass 19 Predelay: 1.50 Gate length: 2nd gate length: 64.00 64. 00

High voltage: Die away time: Efficiency: 50. 0000 0. 1970 Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: 160 0000 0. 6419 0. 1030 Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0. 0000 0. 6825 0 4761

1720

Results

Singles: 4782, 353 +-3.016

AFAS-B_K7-436_Back.txt AFAS-B_K7-436_Back.txt

```
INCC 5.1.2
```

Facility: JMOX
Material balance area: XXXXX
Detector type: COLLAR-BWR
Detector id: AFASB
Electronics id: AMSR
Measurement date: 19.07.05 13:34:00
Results file name: 975N3400.RTS
Inspection number:
Item id: K7-436 Back
Measurement option: Rates Only
Detector configuration: Passive
Data source: Shift register

measurement option:

Detector configuration: Passive

Data source: Shift register

OC tests: On

Error calculation: Sample method

Accidentals method: Measured

Inspector name: JAEA

Passive comment:

Number passive cycles: 20 Count time (sec): 30

Results

AFAS-B_K7-436_Front.txt

(1)

INCC 5.1.2

Facility: JMOX
Material balance area: XXXX
Detector type: COLLAR-BWR
Detector id: AFASB
Electronics id: AMSR
Measurement date: 19.07.05 13:21:27
Results file name: 975N2127.RTS
Inspection number:
Item id: K7-436 Front

Results Tile name: 9/5M2127. RIS
Inspection number:
Item id: K7-436 Front
Measurement option: Rates Only
Detector configuration: Passive
Data source: Shift register
OC tests: On
Error calculation: Sample method
Accidentals method: Measured
Inspector name: JAEA
Passive comment:

 Normalization constant:
 1.0000 ←
 0.0000

 Passive singles bkgrnd:
 7.615 ←
 0.103

 Passive doubles bkgrnd:
 0.003 ←
 0.002

 Passive triples bkgrnd:
 0.000 ←
 0.000

 Passive scaler1 bkgrnd:
 0.000
 0.000

 Passive scaler2 bkgrnd:
 0.000
 0.000

(1)

Number passive cycles: 20 Count time (sec): 30

Results

(2)

添付-53

_ _

Singles:	7791. 916 +-	4. 207
Doubles:	654. 304 +-	2.757
Triples:	29. 223 +-	1.954
Quads:	-1.389 +-	1.059
Quads/Triples:	-0.073 +-	0.038
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	7790. 036	656. 508	35.014	Pass
2	7777. 104	624. 878	15. 767	Pass
3	7772. 459	658. 376	36. 154	Pass
4	7810. 989	646. 768	15.697	Pass
5	7763. 971	645. 073	30. 142	Pass
6	7779. 844	671. 646	39.494	Pass
7	7800. 964	648. 774	30.653	Pass
8	7800. 228	648. 237	32.802	Pass
9	7784. 322	671. 313	47. 997	Pass
10	7819. 042	653. 371	28.853	Pass
11	7812. 192	639. 901	35. 432	Pass
12	7802. 334	647. 267	23.018	Pass
13	7817. 137	661. 712	27. 850	Pass
14	7746. 428	648. 014	29.678	Pass
15	7795. 751	663. 679	25. 194	Pass
16	7775. 433	672. 548	14. 103	Pass
17	7799. 894	655. 172	34. 404	Pass
18	7805. 375	649. 848	26. 160	Pass
19	7800. 429	673. 832	37. 231	Pass
20	7784. 389	649. 169	18.862	Pass

AFAS-B_K7-436_Front.txt

(2)

Singles:	7720. 104 +-	4.042
Doubles:	641.920 +-	2.970
Triples:	29. 491 +-	1.887
Quads:	0.410 +-	1.347
Quads/Triples:	-0. 017 +-	0.059
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cvcle	Singles	Doubles	Triples	QC Tests
1	7734, 064	628, 278	17, 357	Pass
2	7735. 200	641, 309	35. 213	Pass
3	7706. 263	636, 072	35, 410	Pass
4	7713. 045	656, 643	24, 170	Pass
5	7730. 321	620, 236	17. 277	Pass
6	7734, 030	646. 937	37. 754	Pass
7	7731. 457	636. 752	16. 072	Pass
8	7712.009	642, 673	45. 447	Pass
9	7763. 169	646, 513	27. 147	Pass
10	7725, 877	623, 585	34, 064	Pass
11	7702, 318	661, 496	34, 007	Pass
12	7712, 310	650, 345	27, 954	Pass
13	7735, 901	655, 614	37, 736	Pass
14	7691. 592	649. 834	29. 683	Pass
15	7696. 136	643. 404	34. 654	Pass
16	7690. 756	612. 851	14. 503	Pass
17	7723. 537	651. 589	36. 542	Pass
18	7733, 028	629, 718	31.049	Pass
19	7721. 365	655. 976	30. 365	Pass
20	7709. 001	648. 568	23. 457	Pass

AFAS-B_Q2-334_Back.txt AFAS-B_Q2-334_Back.txt

```
INCC 5.0.6
                                                                                                                                                                                                Doubles:
                                                                                                                                                                                                                        1925. 349 +-
                                                                                                                                                                                                                          62.833 +-
                                                                                                                                                                                                Triples:
                                                                                                                                                                                                                                               6.531
                     Facility:
                                       JMOX
                                                                                                                                                                                                   Quads:
                                                                                                                                                                                                                          -4. 919 +-
-0. 242 +-
                                                                                                                                                                                                                                               7. 865
0. 254
  Material balance area:
                                       XXXX
                                                                                                                                                                                        Quads/Triples:
            Detector type:
Detector id:
Electronics id:
                                       COLL AR-BWR
                                                                                                                                                                                               Scaler 1:
                                                                                                                                                                                                                            0 000 +-
                                                                                                                                                                                                                                                0.000
                                       AFASB
                                                                                                                                                                                               Scaler 2
                                       AMSR
        Measurement date:
Results file name:
                                      19. 07. 09 09:50:13
979J5013. RTS
                                                                                                                                                         Cycle rate data
      Inspection number:
Item id:
Measurement option:
                                                                                                                                                                                                                    Triples QC Tests
70.925 Pass
74.861 Pass
                                                                                                                                                         Cvcle
                                                                                                                                                                         Singles
                                                                                                                                                                                               Doubles |
                                                                                                                                                                                              1889. 493
1914. 025
                                       Q2-334 back
                                                                                                                                                                       23195, 814
                                      Rates Only
 Detector configuration:

Data source:

QC tests:
                                                                                                                                                                      23268. 387
23210. 658
                                                                                                                                                                                              1959. 825
1958. 095
                                                                                                                                                                                                                     73. 890
45. 729
                                       Shift register
                                                                                                                                                                                                                                 Pass
                                      On
Sample method
                                                                                                                                                                                                                     34. 011 Pass
98. 830 Pass
                                                                                                                                                             5
                                                                                                                                                                       23292, 634
                                                                                                                                                                                              1931, 772
        Error calculation:
                                                                                                                                                                       23257. 775
       Accidentals method:
Inspector name:
                                      Measured
                                                                                                                                                                       23228.692
                                                                                                                                                                                              1946, 817
                                                                                                                                                                                                                     46. 544
                                                                                                                                                                                                                                 Pass
                                                                                                                                                                                                                                  Pass
                                                                                                                                                                       23260.596
                                                                                                                                                                                                                      40.084 Pass
                       Comment:
                                                                                                                                                                                              1924, 999
Comment:
Normalization constant:
Passive singles bkgrnd:
Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                     40. 084
27. 879
-2. 278
11. 419
60. 589
                                                                                                                                                                       23267. 212
23249. 782
                                                                                                                                                                                              1935. 733
1904. 888
                                                                                                                                                                                                                                 Pass
Pass
                                             1.0000 +-
                                                                0.0000
                                                                                                                                                             10
11
                                             7. 858 +-
                                                                 0.124
                                             0.005 +-
                                                                 0.003
                                                                                                                                                             12
13
                                                                                                                                                                       23303 952
                                                                                                                                                                                              1977 600
                                                                                                                                                                                                                                  Pass
                                            0.000 +-
0.000
                                                                                                                                                                                                                                  Pass
                                                                                                                                                                                                                     61.423
                                                                                                                                                             14
                                                                                                                                                                       23266, 607
                                                                                                                                                                                              1915. 702
                                                                                                                                                                                                                                 Pass
                                                                                                                                                                       23216. 837
23273. 828
                                                                                                                                                                                              1873. 315
1914. 628
                                                                                                                                                                                                                     80. 507
91. 694
                                                                                                                                                                                                                                 Pass
Pass
 Passive scaler2 bkgrnd:
                                             0.000
                                                                                                                                                             15
                                                                                                                                                             16
17
                                                                                                                                                                                                                     81. 841
93. 310
97. 566
          Number of cycles:
                                                                                                                                                                       23225 031
                                                                                                                                                                                              1930 538
                                                                                                                                                                                                                                  Pass
          Count time (sec):
                                                                                                                                                                                                                                  Pass
                                                                                                                                                            19
                                                                                                                                                                       23253.913
                                                                                                                                                                                              1938, 762
                                                                                                                                                                                                                                 Pass
                     Predelay:
                                             1. 50
                                                                                                                                                                       23269. 865
                                                                                                                                                                                                                      79.365
           Gate length:
2nd gate length:
High voltage:
                                            64. 00
                                            64.00
```

Results

Results

Die away time: Efficiency:

Multiplicity deadtime:

Coefficient A deadtime: Coefficient B deadtime:

Coefficient C deadtime: Doubles gate fraction:

Triples gate fraction:

50 0000

160,0000

0. 6419 0. 1030

0.0000

0.4761

23257, 461 +-6.657 Singles:

> (2) (1)

AFAS-B Q2-334 Front txt AFAS-B_Q2-334_Front.txt

INCC 5.0.6 Doubles: Triples: 67.036 +-Facility:

9. 174 5. 721 0. 412 JMOX XXXX -10. 912 +--0. 784 +-Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
Measurement date:
Results file name: Quads/Triples: COLLAR-BWR AFASB Scaler 1: Scaler 2: 0. 000 +-0. 000 +-0. 000 0. 000 AMSR

19.07.09 09:37:57 Cycle rate data 979J3757, RTS Triples QC Tests 91.837 Pass Cycle Singles

Inspection number:
Item id:
Measurement option:
Detector configuration: Doubles 1887. 281 1842. 401 Q2-334 23071. 628 Rates Only 23110 985 30.199 Pass Passive 23071. 493 1913. 737 75. 672 Pass Data source: QC tests: 26. 775 61. 710 Shift register 23069 277 1915 324 Pass 23090. 735 23050. 203 Error calculation: Sample method 19.680 Pass 6 1868, 107 Accidentals method: Inspector name: 23047. 180 23062. 829 1913. 030 1887. 101 81. 780 81. 387 Pass Pass

Comment: 23048, 423 1904 202 139, 424 Pass 118. 453 81. 256 Normalization constant: 1.0000 +-0.0000 23067. 430 Pass 7.858 +-23086, 303 Passive singles bkgrnd: 0.124 11 1972, 993 Pass Passive doubles bkgrnd: Passive triples bkgrnd: 0. 005 +-0. 000 +-0.003 12 13 23085. 799 23128. 817 1933. 309 1919. 559 29. 942 136. 687 Pass Pass 0.000 116. 918 Pass 2. 420 Pass 86. 583 Pass Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0.000 14 15 23122 672 1941 508

23081.333 1843. 922 16 Number of cycles: Count time (sec): 17 23075. 254 23050. 874 1945. 915 1866. 687 49. 394 Pass 43. 661 Pass 30 18 23072. 299 23122. 672 1901. 863 1942. 117 57. 079 Pass 9. 559 Pass 19 Predelay: 1. 50 64.00

Gate length: 2nd gate length: 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0. 1970 160 0000

Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: 0. 6419 0. 1030 Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0.0000 0.6825 0 4761

Singles: 23078, 791 +-5. 659

AFAS-B_WW-906_Back.txt AFAS-B_WW-906_Back.txt

INCC 5.1.2

Facility: Material balance area: JMOX XXXX Detector type: Detector id: Electronics id: COLL AR-BWR AFASB AMSR Measurement date: Results file name: 19. 07. 05 10:45:18 975K4518. RTS WW-906 Back Rates Only Detector configuration:

Data source:

QC tests: Passive Shift register On Sample method Error calculation: Accidentals method: Inspector name: Measured Passive comment: Predelay: Gate length: 2nd gate length: 64 00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0.1970 Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: 160,0000 0.1030 Coefficient C deadtime: Doubles gate fraction: 0.0000 0.6825 Triples gate fraction: 0.4761 Normalization constant: 1 0000 +-0.0000

 Passive singles bkgrnd:
 7.615 + 0.103

 Passive doubles bkgrnd:
 0.003 + 0.002

 Passive triples bkgrnd:
 0.000 + 0.000

 Passive scaler1 bkgrnd:
 0.000
 0.000

 Passive scaler2 bkgrnd:
 0.000

Number passive cycles: 20 Count time (sec): 30

Results

AFAS-B_WW-906_Front.txt

(1)

INCC 5.1.2

Data source: Shift register
QC tests: On
Error calculation: Sample method
Accidentals method: Measured
Inspector name: JAEA
Passive comment:

Predelav: 1.50

 Normalization constant:
 1.0000 ←
 0.0000

 Passive singles bkgrnd:
 7.615 ←
 0.103

 Passive doubles bkgrnd:
 0.003 ←
 0.002

 Passive triples bkgrnd:
 0.000 ←
 0.000

 Passive scaler1 bkgrnd:
 0.000
 0.000

 Passive scaler2 bkgrnd:
 0.000
 0.000

Number passive cycles: 20 Count time (sec): 30

Results

Cycle Singles Triples QC Tests 217, 160 19,033 0.935 Pass 215. 826 221. 560 17. 132 17. 633 0.526 0.681 Pass 220, 727 19,666 1.360 Pass 219. 427 1. 155 Pass 6 7 219.927 17.599 0.952 Pass Pass 8 9 10 219. 427 18.466 0.773 Pass 221. 393 223. 560 18. 099 19. 866 1. 178 0. 844 Pass Pass 222. 827 218. 860 11 12 19.099 0.894 Pass Pass 13 14 15 213.893 16.932 0.533 Pass 223. 860 222. 493 Pass Pass 18. 266 1. 274 16.832 0.323 220. 760 222. 627 16 17 16.366 0 668 Pass 0.841 Pass 18 225, 860 18.833 0.929 Pass 221. 593 219. 593 19. 800 17. 999 Pass Pass 19 0.648 20 0.813

Singles: Doubles:

Triples:

Scaler 2:

Quads/Triples: Scaler 1:

Passive cycle rate data

Quads:

220. 800 +-

18. 239 +-

0. 848 +-0. 034 +-

0 031 +-

0.000 +-

0.246

0. 058 0. 012

0 011

0.000

(2)

AFAS-B WW-906 Front txt

Singles: Doubles: 17.739 +-0. 238 0. 032 Triples: 0. 838 +-0. 014 +-Quads: 0.007 0.009 Quads/Triples: 0.016 +-0.000 +-Scaler 1: Scaler 2: 0 000 +-0.000

Passive cycle rate data

Cycle Singles Doubles | Triples QC Tests 210. 959 219. 327 16. 299 16. 899 0.779 Pass 0.726 Pass 218, 227 17 266 0 956 Pass 217. 526 214. 760 1.032 Pass 17.633 0.687 Pass 220. 827 214. 026 17. 366 16. 766 0. 819 0. 838 Pass Pass 8 221. 727 217. 193 18, 299 0 873 Pass Pass 214, 926 17, 899 10 0.818 Pass 11 12 227. 127 214. 093 20. 300 17. 232 1. 135 0. 693 Pass Pass 13 14 215, 160 16 866 1 103 Pass Pass 15 218, 093 17.066 0.760 Pass 16 17 223. 160 221. 560 17. 366 19. 666 0. 784 0. 820 Pass Pass 18. 133 18. 766 17. 032 219. 793 217. 426 0. 943 0. 704 Pass Pass 18 19 20 212.659 0.598 Pass

(1)

AFAS-P_D9-534_Back.txt AFAS-P_D9-534_Back.txt

```
INCC 5.1.2
```

Facility: Material balance area: JMOX XXXX Detector type: Detector id: Electronics id: COLL AR AFASP AMSR Measurement date: Results file name: 19. 07. 08 13:36:29 978N3629. RTS D9-534 Back Rates Only Detector configuration:
Data source:
QC tests:
Error calculation: Passive Shift register On Sample method Accidentals method: Inspector name: Measured Passive comment: Predelay: 1.50 Gate length: 2nd gate length: 64.00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0. 1620 Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 86 5000 0. 3458 0. 0299 0. 0000 0. 6599 0.4260 Normalization constant: 1 0000 +-0.0000 10. 207 +-Passive singles bkgrnd: 0.125 Passive doubles bkgrnd: Passive triples bkgrnd: 0. 005 +-0. 000 +-0.003 Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0.000

AFAS-P D9-534 Front txt

(1)

20 30

INCC 5.1.2

Results

Number passive cycles: Count time (sec):

Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
Measurement date:
Results file name: JMOX XXXX COLLAR AFASP AMSR 19. 07. 08 13:24:24 978N2424. RTS Inspection number:
Item id:
Measurement option:
Detector configuration: D9-534 Front Rates Only Passive

Data source: QC tests: Error calculation: Shift register Sample method Accidentals method: Inspector name: Passive comment:

Predelav: 1.50 Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0.1620 Multiplicity deadtime: Coefficient A deadtime: 86. 5000 0. 3458 Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0. 0299 0. 0000 0.6599

Normalization constant: 1.0000 +-0.0000 Passive singles bkgrnd: 10 207 +-0 125 0. 005 +-0. 000 +-Passive doubles bkgrnd:

0.000

Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0. 000 0. 000 Number passive cycles:

Passive triples bkgrnd:

Count time (sec): 30

Results

Singles: 720. 640 +-56.851 +-0.562 Doubles: Triples: 2. 322 +-0. 073 +-0. 152 0. 035 Quads: Quads/Triples: Scaler 1: 0 034 +-0.020 Scaler 2: 0.000 +-0.000

Passive cycle rate data

Cycle	Singles	Doub I es	Triples	QC Tests
1	716. 239	57. 943	2. 925	Pass
2	727. 240	56. 576	2. 279	Pass
3	716. 072	51.041	0.875	Pass
4	714. 672	55. 075	1.826	Pass
5	729. 074	60. 744	3. 717	Pass
6	721. 040	56. 643	2.830	Pass
7	720. 106	54. 709	2. 156	Pass
8	715. 139	56. 142	2. 712	Pass
9	725. 573	56. 443	2.692	Pass
10	721. 673	56. 109	1.453	Pass
11	715. 739	58. 210	3.051	Pass
12	720. 473	56. 409	1.978	Pass
13	719. 839	59. 943	3.018	Pass
14	713. 039	55. 075	1.632	Pass
15	725. 440	55. 709	2. 296	Pass
16	724. 340	59. 844	2. 740	Pass
17	727. 474	60. 077	2. 680	Pass
18	722. 840	60. 877	2. 123	Pass
19	723. 273	54. 709	1.948	Pass
20	713. 505	54. 742	1.511	Pass

AFAS-P_D9-534_Front.txt

(2)

Singles: 715. 194 +-55. 879 +-2. 564 +-0. 125 +-0. 447 0. 114 0. 039 Doubles: Triples: Quads: 0. 047 +-0. 000 +-0. 015 0. 000 Quads/Triples: Scaler 1: Scaler 2: 0 000 +-0.000

Passive cycle rate data

Cycle	Singles	Doub I es	Triples	QC Tests
1	713. 839	56. 409	2.071	Pass
2	716. 539	57. 043	2. 226	Pass
3	718. 473	59. 210	3. 093	Pass
4	716. 472	56. 976	3. 435	Pass
5	726. 774	55. 409	2. 138	Pass
6	709. 671	55. 976	2. 569	Pass
7	712. 572	54. 475	2.799	Pass
8	716. 339	51. 641	2.048	Pass
9	722. 373	56. 943	2. 315	Pass
10	714. 572	54. 042	2.510	Pass
11	715. 305	57. 309	2. 123	Pass
12	713. 839	56. 576	3.066	Pass
13	724. 073	58. 677	3. 232	Pass
14	709. 238	52. 942	2.080	Pass
15	712. 138	54. 409	2.099	Pass
16	712. 138	53. 708	1.800	Pass
17	711. 838	54. 342	3.077	Pass
18	710. 438	56. 676	2.370	Pass
19	719. 173	58. 776	3. 413	Pass
20	708, 071	56. 042	2.814	Pass

```
INCC 5.1.2
```

Facility: Material balance area: JMOX XXXX Detector type: Detector id: Electronics id: COLL AR AMSR

Measurement date: Results file name: 19. 07. 08 14:02:30 97800230. RTS

D9+WW Back Rates Only

Detector configuration:
Data source:
QC tests:
Error calculation: Passive Shift register On Sample method Accidentals method: Inspector name: Measured Passive comment:

Predelay: Gate length: 2nd gate length: 64.00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0. 1620 Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: 86 5000 0. 3458 0. 0299 Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0. 0000 0. 6599 0.4260

Normalization constant: 1 0000 +-0.0000

10. 207 +-Passive singles bkgrnd: 0.125 Passive doubles bkgrnd: Passive triples bkgrnd: 0. 005 +-0. 000 +-0.003 Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0.000

20 30 Number passive cycles: Count time (sec):

Results

(1)

AFAS-P D9-534+WW-906 Front txt

INCC 5.1.2

Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
Measurement date:
Results file name: JMOX XXXX COLLAR AFASP AMSR

19. 07. 08 13:50:17 978N5017. RTS Inspection number:
Item id:
Measurement option:
Detector configuration: D9+WW Front

Rates Only Passive Data source: QC tests: Error calculation: Shift register Sample method Accidentals method: Inspector name: Measured JAEA Passive comment:

Predelav: 1.50 Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0.1620 Multiplicity deadtime: Coefficient A deadtime: 86. 5000 0. 3458 Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 0. 0299 0. 0000 0.6599

Normalization constant: 1.0000 +-0.0000

Passive singles hkgrnd: 10 207 +-0 125 0. 005 +-0. 000 +-Passive doubles bkgrnd: Passive triples bkgrnd: 0.000 Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0. 000 0. 000

Number passive cycles: Count time (sec): 30

Results

Singles: 929. 916 +-1. 141 0. 528 73.492 +-Doubles: Triples: 3. 352 +-0. 135 +-0. 148 0. 044 Quads: Quads/Triples: Scaler 1: Scaler 2: 0.011 0 037 +-0.000 +-0.000

Passive cycle rate data

Cycle	Singles	Doubles 1	Triples	QC Tests
1	920. 968	70. 484	3. 126	Pass
2	935. 471	71. 218	2.714	Pass
3	930. 637	69. 651	2. 596	Pass
4	923. 502	72. 185	2. 542	Pass
5	923. 035	74. 519	3. 410	Pass
6	926. 903	76. 353	4. 254	Pass
7	937. 004	75. 653	2. 738	Pass
8	937. 971	74. 853	2.614	Pass
9	924. 069	72. 218	3. 673	Pass
10	934. 537	75. 153	4. 055	Pass
11	934. 304	74. 419	3. 597	Pass
12	931. 270	73. 952	4. 609	Pass
13	928. 103	74. 219	3.605	Pass
14	932. 570	72. 919	2. 759	Pass
15	932. 437	71. 918	3. 391	Pass
16	933. 104	70. 785	2.850	Pass
17	924. 502	77. 887	3.602	Pass
18	924. 802	71. 451	2. 582	Pass
19	931. 203	72. 219	4. 179	Pass
20	931. 937	77. 787	4. 139	Pass

AFAS-P_D9-534+WW-906_Front.txt

(2)

Singles: 1.385 72. 855 +-3. 413 +-0. 117 +-0. 397 0. 184 0. 055 Doubles: Triples: Quads: 0. 025 +-0. 000 +-0. 016 0. 000 Quads/Triples: Scaler 1: Scaler 2: 0 000 +-0.000

Passive cycle rate data

Cycle	Singles	Doub I es	Triples	QC Tests
1	924. 035	74. 119	3. 129	Pass
2	912. 200	73. 418	4. 563	Pass
3	929. 970	77. 253	5. 150	Pass
4	921. 735	72. 852	3. 347	Pass
5	928. 069	73. 352	3. 120	Pass
6	928. 936	69. 984	2. 918	Pass
7	928. 036	73. 819	3. 997	Pass
8	919. 635	73. 585	1.841	Pass
9	931. 203	71. 752	1.697	Pass
10	922. 202	70. 518	4. 125	Pass
11	915. 034	74. 752	3. 166	Pass
12	923. 635	72. 385	3. 331	Pass
13	916. 168	70. 151	3. 636	Pass
14	917. 268	72. 218	3. 306	Pass
15	917. 801	72. 385	3. 398	Pass
16	930. 870	70. 685	3. 367	Pass
17	926. 369	73. 352	3. 765	Pass
18	927, 036	75, 053	3, 762	Pass
19	927, 669	73, 119	2, 465	Pass
20	934, 504	72. 352	4. 189	Pass
-				

AFAS-P_H4-694_Back.txt AFAS-P_H4-694_Back.txt

3494. 829 +-

273. 249 +-

10. 427 +--0. 182 +-

-0 028 +-

0.000 +-

Triples QC Tests 10,700 Pass

Pass

Pass

Pass

Pass Pass

Pass

Pass

Pass Pass

12. 056 9. 848 Pass

6.338 Pass

9. 400 Pass

13. 756 12. 794 9. 024

9. 024 10. 417 8. 344 5. 782 10. 753

10.240 Pass

15. 276 10. 149 Pass Pass

13. 536 13. 571

(2)

AFAS-P_H4-694_Front.txt

271.865 +-

10. 852 +-0. 391 +-

0. 026 +-0. 000 +-

0 000 +-

Triples QC Tests

Pass

Pass

19.916 Pass 11.460 Pass

9.172 Pass

8.923 Pass

11. 162 15. 978 Pass Pass

6. 219 9. 124 Pass

14, 217 Pass

12. 496 10. 513 Pass Pass

6, 229 Pass

10.390 Pass

10. 583 Pass

10. 795 9. 697 Pass Pass

10. 497 11. 678 Pass Pass

8.884 Pass 1.598

0.288

0. 027 0. 000

0.000

Singles: Doubles:

Triples:

Scaler 2:

Doub I es

284. 839 271. 756

266 985

275. 794 267. 250

274. 060 281. 135

267.016

276. 630 282. 071

272. 590 284. 372

265. 915

266. 984 266. 484

268. 653 267. 884

274. 225 260. 377

262, 277

Quads/Triples: Scaler 1:

Passive cycle rate data

Cycle

8

10

11 12

13 14

15

16 17

18 19

20

Singles

3484. 749 3481. 881

3493 388

3478. 545

3475, 510

3491. 153 3489. 252

3468 673

3505, 528

3476. 978 3491. 520

3470 574

3494, 822

3486. 083 3471. 074

3471. 508 3492. 987

3469.507

Quads:

9.360 Pass 9.520 Pass 7.681 Pass

1.240

0. 558

0.022

0.000

Singles:

Doubles:

Triples:

Scaler 2:

Doubles

270, 590

283. 405 278. 097

267 885

265. 784

268. 755

282, 705

271. 322 276. 429

269. 687 265. 750

272. 359

284. 806 270. 289

276. 096 273. 993

270.490

269. 621 272. 827

Quads/Triples: Scaler 1:

Passive cycle rate data

Singles

3505, 695

3498. 391 3482. 548

3484 249

3493. 788

3503. 160 3511. 766

3502, 493

3482. 348 3490. 086

3481.414

3507.830

3486. 917 3497. 357

3492. 254 3491. 453 3501. 359

3486. 117 3509.598

Cycle

6

8 9 10

11 12

13 14 15

16 17

18

19

20

Quads:

INCC 5.1.2

Facility: Material balance area: JMOX XXXX Detector type: Detector id: Electronics id: COLL AR AMSR Measurement date: Results file name: 19. 07. 08 14:31:25 97803125. RTS Inspection number: Item id: Measurement option: H4-694 Back Rates Only Detector configuration:
Data source:
QC tests:
Error calculation: Passive Shift register On Sample method Accidentals method: Inspector name: Measured JAEA Passive comment: #2 Predelay: Gate length: 2nd gate length: 64 00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0.1620 Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: 86 5000 0.0299 Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 6599 Triples gate fraction: 0.4260 Normalization constant: 1 0000 +-0.0000 10. 207 +-Passive singles bkgrnd: 0.125 Passive doubles bkgrnd: Passive triples bkgrnd: 0. 005 +-0. 000 +-0.003 Passive scaler1 bkgrnd: 0.000

20 30

(1)

AFAS-P H4-694 Front txt

Facility: JMOX XXXX Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
Measurement date:
Results file name: COLLAR AFASP AMSR

Passive scaler2 bkgrnd Number passive cycles:

Results

INCC 5.1.2

Count time (sec):

97801851, RTS

Inspection number:
Item id:
Measurement option:
Detector configuration: H4-694 Front Rates Only Passive Data source: QC tests: Shift register

Error calculation: Sample method Accidentals method: Inspector name: Measured JAEA Passive comment:

Predelay:

Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0.1620 Multiplicity deadtime: Coefficient A deadtime: 86. 5000 0. 3458 Coefficient B deadtime: Coefficient C deadtime: 0. 0299 0. 0000 Doubles gate fraction: Triples gate fraction: 0.6599

Normalization constant: 1.0000 +-0.0000

1.50

Passive singles hkgrnd: 10 207 +-0 125 0. 005 +-0. 000 +-Passive doubles bkgrnd: Passive triples bkgrnd: 0.000 0. 000 0. 000 Passive scaler1 bkgrnd Passive scaler2 bkgrnd:

Number passive cycles: Count time (sec): 30

Results

AFAS-P_I7-106_Back.txt AFAS-P_I7-106_Back.txt

```
INCC 5.1.2
```

Facility: JMOX
Material balance area: XXXX
Detector type: COLLAR
Detector id: AFASP
Electronics id: AMSR
Measurement date: 19.07.08 10:32:46
Results file name: 978K3246.RTS
Inspection number:
Item id: 17-106 Back
Measurement option: Rates Only

Detector configuration: Passive
Data source: Shift register
QC tests: On
Error calculation: Sample method
Accidentals method: Measured
Inspector name: JAEA
Passive comment:

 Normalization constant:
 1.0000 ←
 0.0000

 Passive singles bkgrnd:
 10.207 ←
 0.125

 Passive doubles bkgrnd:
 0.005 ←
 0.003

 Passive triples bkgrnd:
 0.000 ←
 0.000

 Passive scaler1 bkgrnd:
 0.000
 0.000

 Passive scaler2 bkgrnd:
 0.000
 0.000

Number passive cycles: 20 Count time (sec): 30

Results

(1)

AFAS-P_I7-106_Front.txt

INCC 5.1.2

Results file name: 978K2051.RTS
Inspection number:
Item id: I7-106 Front
Measurement option: Rates Only
Detector configuration: Passive

Detector configuration: Passive
Data source: Shift register
QC tests: On
Error calculation: Sample method
Accidentals method: Measured
Inspector name: JAEA
Passive comment:

Normalization constant: 1.0000 + 0.0000

Passive singles bkgrnd: 10.207 + 0.125

 Passive singles bkgrnd:
 10.207 + 0.125

 Passive doubles bkgrnd:
 0.005 + 0.003

 Passive triples bkgrnd:
 0.000 + 0.000

 Passive scalerl bkgrnd:
 0.000
 0.000

 Passive scaler2 bkgrnd:
 0.000

Number passive cycles: 20 Count time (sec): 30

Results

 Singles:
 4620.106 + 2.498

 Doubles:
 359.156 + 1.497

 Triples:
 15.742 + 0.764

 Quads:
 0.370 + 0.435

 Quads/Triples:
 0.010 + 0.029

 Scaler 1:
 0.000 + 0.000

 Scaler 2:
 0.000 + 0.000

AFAS-P_I7-106_Front.txt

(2)

4635. 502 +-

362.345 +-

16. 129 +-1. 010 +-

0 050 +-

0.000 +-

Triples QC Tests

Pass

Pass Pass

Pass Pass

Pass

Pass

Pass

Pass Pass

18, 989 Pass

23. 969 10. 578

12.016 Pass

11. 921 22. 515

10.090 Pass

10. 090 22. 412 7. 314 14. 399 15. 776

20. 406 11. 084 14. 237

21. 104 Pass 13. 477 Pass

13. 923 Pass 16. 348 Pass 19. 180 Pass

22 816 Pass

2.082

1. 113 0. 420

0 031

0.000

Singles:

Doubles:

Triples:

Scaler 2:

Doubles

360, 807

370. 124 354. 165

364. 578

359. 205

358. 136

338, 269

363. 281 376. 536

362. 911 370. 724

362, 642

369. 724 360. 176

347. 886 356. 465 361. 873

362. 411 367. 150

Quads/Triples: Scaler 1:

Passive cycle rate data

Singles

4630, 121

4648. 636 4648. 136

4618 979

4637. 961

4632, 356

4619.212

4659. 111

4663. 615

4633 958

4623, 549

4650. 838 4654. 607

4629 854

4611, 139

4639. 295 4624. 417

Cycle

6

8 9 10

11 12

13 14 15

16 17

18

20

Quads:

Passive cycle rate data

Singles Triples QC Tests Cycle Doubles | 4636. 159 4608. 270 354. 364 358. 768 13.412 Pass 11.174 Pass 4634 491 364, 680 13.900 Pass 367. 049 355. 363 4620. 413 4615, 176 15, 219 Pass 4608. 070 4622. 415 361. 004 372. 291 23. 419 18. 294 Pass Pass 8 4624 784 349, 588 14. 707 15. 128 Pass 351. 057 359. 303 Pass 10 4618, 579 22, 333 Pass 11 12 4613. 541 4611. 173 361. 172 344. 311 12. 070 15. 249 Pass Pass 18. 490 13. 467 17. 536 13 14 4604, 034 358, 166 Pass 351. 892 365. 945 Pass 15 4602, 232 Pass 16 17 4640. 029 4624. 917 364. 815 357. 434 11. 528 12. 799 Pass Pass 360. 572 363. 746 20. 491 14. 098 Pass Pass 18 4619. 479 19 4639.362 20 4614.042 361, 606 15.442 Pass

(1)

AFAS-P_K7-436_Back.txt AFAS-P_K7-436_Back.txt

7456. 184 +-

581.389 +-

22. 538 +--0. 506 +-

-0 097 +-

0.000 +-

Triples QC Tests 27.782 Pass

9.000 Pass

Pass Pass

Pass

Pass Pass

Pass

Pass

Pass

Pass Pass

Pass Pass

Pass

Pass Pass

15. 480 23. 745 Pass

20. 963 Pass

27. 618 21. 075 18. 505

18. 505 32. 732 38. 759 42. 984 22. 953 27. 358 27. 519 12. 882 11. 983 23. 026

12. 199 13. 412

20.787

(2)

AFAS-P_K7-436_Front.txt

Singles:

Doubles:

Triples:

Scaler 2:

Doub I es

586. 967 580. 150

579, 920

575. 325 575. 460

586. 395 586. 335

584, 799

576. 789 587. 174

598. 362 577. 948

574 939

570, 261

582. 258 569. 527

596. 800 593. 920

595.088

Quads/Triples: Scaler 1:

Passive cycle rate data

Cycle

8

10

11 12

13 14

15

16 17

18 19

20

Singles

7417. 628 7419. 297

7437 320

7405. 980

7436, 819

7394. 899 7428. 576

7435 284

7445, 264

7408. 950 7438. 188

7431 413

7435, 518

7432. 981 7442. 260

7455. 176 7426. 439

7416. 427

Quads:

7429. 779 +-

583. 122 +-21. 817 +-2. 099 +-

0. 078 +-0. 000 +-

0 000 +-

Triples QC Tests

Pass

Pass

Pass

Pass

Pass

Pass

16.757 Pass 9.952 Pass

21. 581 11. 499

28, 972 Pass

17. 163 31. 894 Pass Pass

23. 558 21. 050 Pass

28, 166

26. 044 39. 012 Pass Pass

33. 461 22. 925

10, 209 Pass

12. 622 27. 876 Pass Pass

22. 787 14. 326 Pass Pass

16.533 Pass 2. 186 1. 837

0.794

0. 041 0. 000

0.000

2.809

2. 013 1. 073

0.068

0.000

Singles:

Doubles:

Triples:

Scaler 2:

Doubles 565, 885

593. 526 591. 493

579, 091

574. 712

589. 481

600.345

585. 937 594. 860

578. 719 584. 936

585. 140

600. 539 568. 428

571. 234 577. 279

552.052

589. 151 566. 826

Quads/Triples: Scaler 1:

Passive cycle rate data

Singles

7441, 325

7459. 415 7483. 813

7469 428

7465. 223

7451, 605

7466, 858

7446. 699 7446. 766

7448, 368

7471.865

7435. 618 7460. 583

7454. 242 7432. 848

7455, 710

7472. 198 7472. 065

Cycle

6

8 9 10

11 12

13 14 15

16 17

18

19

20

Quads:

INCC 5.1.2

Facility: Material balance area: JMOX XXXX Detector type: Detector id: Electronics id: COLL AR AMSR Measurement date: Results file name: 19. 07. 08 14:58:54 97805854. RTS K7-436 Back Rates Only Detector configuration:
Data source:
QC tests:
Error calculation: Passive Shift register On Sample method Accidentals method: Inspector name: Measured Passive comment: #2 Predelay: Gate length: 2nd gate length: 64 00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0.1620 Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: 86 5000 0.0299 Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 6599 Triples gate fraction: 0.4260

Normalization constant: 1 0000 +-0.0000 10. 207 +-Passive singles bkgrnd: 0.125

Passive doubles bkgrnd: Passive triples bkgrnd: 0. 005 +-0. 000 +-0.003 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd

Number passive cycles: 20 30 Count time (sec):

Results

AFAS-P K7-436 Front txt

(1)

INCC 5.1.2

Facility: JMOX XXXX Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
Measurement date:
Results file name: COLLAR AFASP AMSR 97804713. RTS

Inspection number:
Item id:
Measurement option:
Detector configuration: Rates Only Passive Data source: QC tests: Shift register Error calculation: Sample method Accidentals method: Inspector name: Measured JAEA

Passive comment:

K7-436 Front

Predelay: 1.50 Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0.1620 Multiplicity deadtime: Coefficient A deadtime: 86. 5000 0. 3458 Coefficient B deadtime: Coefficient C deadtime: 0. 0299 0. 0000 Doubles gate fraction: Triples gate fraction: 0.6599

Normalization constant: 1.0000 +-0.0000 Passive singles hkgrnd: 10 207 +-0 125

0.000

(1)

0. 005 +-0. 000 +-Passive doubles bkgrnd: Passive triples bkgrnd: 0. 000 0. 000 Passive scaler1 bkgrnd Passive scaler2 bkgrnd:

Number passive cycles: Count time (sec): 30

Results

AFAS-P_Q2-334_Back.txt AFAS-P_Q2-334_Back.txt

```
INCC 5.1.2
```

Facility: Material balance area: JMOX XXXX Detector type: Detector id: Electronics id: COLL AR AMSR 19. 07. 08 11:22:22 978L2222. RTS

Measurement date: Results file name: Inspection number: Item id: Measurement option: Q2-334 Back

Detector configuration:
Data source: Shift register QC tests: On Sample method Error calculation: Accidentals method: Inspector name: Measured

Rates Only

Passive comment: Predelay:

Gate length: 2nd gate length: 64 00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0.1620 Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: 86 5000 0.0299 Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 6599

Triples gate fraction: Normalization constant: Passive singles bkgrnd:

10. 207 +-0.125 Passive doubles bkgrnd: Passive triples bkgrnd: 0. 005 +-0. 000 +-0.003 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd

0.4260

1 0000 +-

0.0000

Number passive cycles: 20 30 Count time (sec):

Results

(1)

AFAS-P Q2-334 Front txt

INCC 5.1.2

JMOX XXXX Facility: Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
Measurement date:
Results file name: COLLAR AFASP AMSR 19. 07. 08 11:10:31 978L1031. RTS

Inspection number:
Item id:
Measurement option:
Detector configuration: Q2-334 Front Rates Only Passive Data source: QC tests: Shift register Error calculation: Sample method

Accidentals method: Inspector name: Passive comment:

Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0.1620 Multiplicity deadtime: Coefficient A deadtime: 86. 5000 0. 3458 Coefficient B deadtime: Coefficient C deadtime: 0. 0299 0. 0000

Predelay:

1.50

1.0000 +-

0.0000

Doubles gate fraction: Triples gate fraction: 0.6599

Normalization constant:

Passive scaler2 bkgrnd:

Passive singles hkgrnd: 10 207 +-0 125 0. 005 +-0. 000 +-Passive doubles bkgrnd: Passive triples bkgrnd: 0.000 0. 000 0. 000 Passive scaler1 bkgrnd:

Number passive cycles: Count time (sec): 30

Results

(1)

22311.648 +-Singles: 1728, 802 +-Doubles: 7.491 Triples: 59. 891 +-5. 713 +-7. 218 Quads: Quads/Triples: Scaler 1: -1 480 +-1 573 Scaler 2: 0.000 +-0.000

Passive cycle rate data

Triples QC Tests 79.273 Pass Cycle Singles Doubles 22276, 056 1755, 337 22354. 157 22332. 105 1803. 220 1729. 069 53. 249 50. 146 Pass 22279 202 1719 800 90, 459 Pass 22325. 112 92. 662 Pass 28. 015 96. 554 6 22297. 204 1724. 681 Pass Pass 62.655 8 22333. 745 1733.370 Pass 61. 451 72. 605 60. 081 22302. 123 22328. 860 1729. 085 1759. 501 Pass Pass 10 1702. 539 1775. 268 11 12 22288. 404 Pass Pass 13 14 15 22304.031 1705. 504 20.784 Pass 1702. 897 1667. 432 1. 399 103. 255 Pass Pass 22268. 527 22281.176 33. 308 58. 885 16 17 22289.341 1706 436 Pass Pass 18 22314.939 1749.718 62.984 Pass 22332. 373 22354. 626 88. 431 -12. 486 Pass Pass 1721. 612 20 1678. 157

(2)

AFAS-P Q2-334 Front txt

22256. 779 +-Singles: 5.884 Doubles: 1727. 208 +-8. 309 7. 779 Triples: 72. 913 +-5. 211 +-Quads: 6.230 0. 399 +-0. 000 +-0. 433 0. 000 Quads/Triples: Scaler 1: Scaler 2: 0 000 +-0.000

Passive cycle rate data

Triples QC Tests 34.714 Pass 109.026 Pass Singles Doubles | Cycle 22258.756 1702. 488 1727. 388 22273. 045 73.345 Pass 20.019 Pass 22241 624 1751 890 1695. 286 1734. 305 22235. 768 22269, 698 -1.883Pass 67. 367 59. 152 22313. 467 22227. 403 1781. 965 1754. 703 Pass Pass 8 22281 343 1710 026 62. 942 115. 992 Pass Pass 33, 656 10 22251, 562 1677, 391 Pass 102. 630 83. 439 105. 448 127. 755 11 12 22267. 055 22267. 155 1810. 791 1755. 030 Pass Pass 13 22291 415 1719 370 Pass Pass 22263, 240 15 1649, 585 76, 933 Pass 16 17 22224. 324 22289. 843 1751. 678 1730. 354 105. 467 102. 050 Pass Pass 22263. 675 22241. 557 1755. 800 1723. 707 79. 897 54. 550 Pass Pass 18 20 22230.514 1688.028 45, 532 Pass

AFAS-P_WW-906_Back.txt AFAS-P_WW-906_Back.txt

INCC 5.1.2

Facility: JMOX

Material balance area: XXXX

Detector type: COLLAR

Detector id: AFASP

Electronics id: AMSR

Measurement date: 19.07.08 09:41:31

Results file name: 978J4131.RTS

Inspection number:
Item id: WW-906 Back

Measurement option: Rates Only
Detector configuration: Passive

Data source: Shift register

QC tests: On

Error calculation: Sample method

Measured

Accidentals method: Inspector name:

Number passive cycles: 20 Count time (sec): 30

Results

AFAS-P_WW-906_Front.txt

(1)

INCC 5.1.2

Facility: JMOX
Material balance area: XXXX
Detector type: COLLAR
Detector id: AFASP
Electronics id: AMSR
Measurement date: 19.07.08 09:28:49
Results file name: 978J2849.RTS

Inspection number:
Item id: WW-906 Front
Measurement option: Rates Only
Detector configuration: Passive

Data source: Shift register QC tests: On Error calculation: Sample method Accidentals method: Measured Inspector name: JAEA Passive comment:

Normalization constant: 1.0000 + 0.0000

 Passive singles bkgrnd:
 10.207 + 0.125

 Passive doubles bkgrnd:
 0.005 + 0.003

 Passive triples bkgrnd:
 0.000 + 0.000

 Passive scaler1 bkgrnd:
 0.000

 Passive scaler2 bkgrnd:
 0.000

(1)

Number passive cycles: 20 Count time (sec): 30

Results

(2)

添付-62

 Singles:
 210.536 + 0.842

 Doubles:
 16.443 + 0.201

 Triples:
 0.717 + 0.653

 Quads:
 0.023 + 0.017

 Quads/Triples:
 0.015 + 0.017

 Scaler 1:
 0.000 + 0.000

 Scaler 2:
 0.000 + 0.000

Passive cycle rate data

Cycle	Singles	Doub I es	Triples	QC Tests
1	212. 698	17. 230	0.858	Pass
2	210.864	16.830	0.530	Pass
3	207. 997	15. 830	0.448	Pass
4	208. 631	16. 163	0.947	Pass
5	207. 431	16. 396	0.910	Pass
6	209. 397	17. 330	1.064	Pass
7	211.864	15. 096	0. 421	Pass
8	213. 964	17. 830	1.016	Pass
9	206. 764	16.096	0.648	Pass
10	214. 598	17. 963	0.678	Pass
11	209. 164	15. 530	0.418	Pass
12	216. 031	17. 596	0.682	Pass
13	207. 664	16. 263	0.678	Pass
14	217. 098	16.896	0.691	Pass
15	204. 297	14. 696	0.601	Pass
16	216. 364	16. 163	1. 174	Pass
17	206. 031	15. 529	0. 288	Pass
18	206. 897	15. 796	0.885	Pass
19	212. 464	16. 630	0.702	Pass
20	210. 498	16. 996	0.699	Pass

(2)

AFAS-P_WW-906_Front.txt

 Singles:
 210.989 + 0.489

 Doubles:
 16.311 + 0.210

 Triples:
 0.669 + 0.043

 Quads:
 0.027 + 0.010

 Quads/Triples:
 0.032 + 0.014

 Scaler 1:
 0.000 + 0.000

 Scaler 2:
 0.000 + 0.000

Passive cycle rate data

Cycle	Singles	Doub I es	Triples	QC Tests
1	211. 131	15. 563	0. 383	Pass
2	211. 264	17. 863	1.020	Pass
3	207. 964	15. 730	0.586	Pass
4	210. 131	16. 330	0.709	Pass
5	214. 931	17. 730	0. 681	Pass
6	213. 998	16. 330	0.872	Pass
7	211. 631	16. 196	0.944	Pass
8	208. 031	16. 363	0. 643	Pass
9	207. 531	15. 096	0. 258	Pass
10	210. 864	15. 730	0. 581	Pass
11	212. 798	16. 096	0. 575	Pass
12	207. 064	15. 196	0. 559	Pass
13	212. 131	15. 296	0. 486	Pass
14	209. 798	17. 230	0. 727	Pass
15	212. 298	15. 430	0. 417	Pass
16	212. 964	15. 796	0. 747	Pass
17	210. 564	17. 130	1. 738	Fail outlier test
18	211. 798	18. 363	0. 910	Pass
19	210. 864	16. 963	0. 763	Pass
20	212. 098	17. 063	0.760	Pass
21	210. 498	15. 863	0. 748	Pass

```
INCC 5.1.2
                                                                                                                                                                     Triples gate fraction:
                                                                                                                                                                                                                  0.0001
  Facility:
Material balance area:
                                        JMOX
JM2G
                                                                                                                                                                   Normalization constant:
                                                                                                                                                                                                                  1.0000 +-
                                                                                                                                                                                                                                      0.0000
             Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                  0 000 +-
                                                                                                                                                                                                                                      0 000
                                        AFAS
                                                                                                                                                                   Passive singles bkgrnd:
                                                                                                                                                                                                                 0.000 +-
0.000 +-
                                                                                                                                                                    Passive doubles bkgrnd:
                                         JSR-12
                                                                                                                                                                   Passive triples bkgrnd:
                                                                                                                                                                                                                                      0.000
  Inventory change code:
I/O code:
                                                                                                                                                                   Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                 0. 000
0. 000
         Measurement date:
Results file name:
                                        19.04.22 12:00:14
94MM0014.VER
         Inspection number:
Item id:
Stratum id:
                                                                                                                                                                            Count time (sec):
                                                                                                                                                                                                                      60
                                        BWR COLLAR
                                        XXXX
                                                                                                                                                                  Passive error messages
Material type:
Original declared mass:
                                        0.000
                                                                                                                                                                  Known alpha analysis error
       Measurement option:
Data source:
QC tests:
                                        Verification
                                         Database
                                                                                                                                                                  Results
       Error calculation:
Accidentals method:
                                        Sample method
Measured
                                                                                                                                                                                                                                                            2. 221
2. 632
0. 000
0. 110
0. 000
                                                                                                                                                                                                           Singles:
Doubles:
                                                                                                                                                                                                                                   8208. 191 +-
683. 157 +-
                                                                                                                                                                                                          Triples:
Scaler 1:
Scaler 2:
            Inspector name:
Passive comment:
                                                                                                                                                                                                                                        0.000 +-
                                         .IAFA
                                                                                                                                                                                                                                       18. 607 +-
0. 000 +-
                                        AFAS BWR COLLAR J-MOX Back
                 Isotopics id:
                                        Default
  Isotopics source code:
                                                                                                                                                                  Passive cycle rate data
                                        OD
                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                              0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                            Pu238:
Pu239:
                                                                                  0.0000 +-
                                                                                                     0.0000
                                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                                  Cycle
                                                                                                                                                                                    Singles
                                                                                                                                                                                                          Doubles
                                                                                                     0.0000
                                                                                                                                                                                  8214. 137
8233. 906
8216. 944
                                                                                                                                                                                                          680. 663
669. 831
682. 775
                                                                                                                                                                                                                                   0.000
0.000
0.000
                                                                                                                                                                                                                                                          0.000 Pass
                            Pu240:
                            Pu241:
Pu242:
                                                                                                     0. 0000
0. 0000
                                                                                                                                                                                                                                                          0. 000
0. 000
                                                                                                                                                                                                                                                                    Pass
Pass
                         Pu date:
Am241:
                                        00. 01. 01
0. 0000 +-
                                                                                19. 04. 22
0. 0000 +-
                                                                                                                                                                                  8201. 604
8200. 301
                                                                                                                                                                                                          700. 981
675. 999
                                                                                                                                                                                                                                                          0.000
0.000
                                                                                                                                                                                                                                                                     Pass
Pass
                                                                                                                                                                                                                                    0.000
                                                               0.0000
                                                                                                      0.0000
                                                                                                                                                                                                                                    0.000
                         Am date:
                                        00.01.01
                                                                                19.04.22
                                                                                                                                                                      6
7
                                                                                                                                                                                  8184, 827
                                                                                                                                                                                                          666. 643
688. 512
                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                     Pass
                                                                                                                                                                                 8194. 786
8211. 263
                                                                                                                                                                                                                                                         0. 000
0. 000
                                                                                                                                                                                                                                                                     Pass
                                               1, 50
                       Prede lav
                                                                                                                                                                      8
                                                                                                                                                                                                          692, 306
                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                     Pass
            Gate length:
2nd gate length:
                                              64. 00
64. 00
                                                                                                                                                                                 8210. 879
8219. 919
                                                                                                                                                                                                          691. 083
715. 750
                                                                                                                                                                                                                                   0.000
0.000
                                                                                                                                                                                                                                                          0.000
0.000
                                                                                                                                                                                                                                                                     Pass
Pass
                                                                                                                                                                     9
10
               High voltage:
Die away time:
Efficiency:
                                           1720
                                                                                                                                                                     11
12
13
                                                                                                                                                                                  8221, 339
                                                                                                                                                                                                          681. 772
677. 000
                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                     Pass
                                                                                                                                                                                                                                                          0. 000
0. 000
                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                     Pass
                                               0.1970
                                                                                                                                                                                                          705.071
                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                  8206, 801
                                                                                                                                                                                                                                                                     Pass
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
                                            160. 0000
0. 6419
                                                                                                                                                                                  8219. 635
8206. 200
                                                                                                                                                                                                          679. 978
664. 659
                                                                                                                                                                                                                                   0.000
0.000
                                                                                                                                                                                                                                                          0. 000
0. 000
                                                                                                                                                                                                                                                                    Pass
Pass
                                                                                                                                                                     14
15
                                               0 1030
                                                                                                                                                                     16
17
                                                                                                                                                                                  8214 839
                                                                                                                                                                                                          703. 600
702. 860
                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                          0.000 Pass
                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                     Pass
                                               0.0001
                                                                                                                                                                     18
                                                                                                                                                                                  8195, 989
                                                                                                                                                                                                          669, 077
                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                    Pass
                                                            (1)
                                                                                                                                                                                                                               (2)
```

		201904_AFAS-B	Collar_Back.tx	t			201904_AFAS-B Collar_F	ront. txt	
19	8212. 483	702. 812	0.000	0.000	Pass	INCC 5.1.2			
20 21 22 23 24 25 26 27 28 29 30 31 32 33	8206. 250 8208. 773 8207. 319 8178. 226 8214. 003 8226. 637 8184. 960 8219. 334 8211. 965 8217. 329 8226. 119 8211. 931 8198. 011 8195. 120	680. 576 701. 302 677. 208 661. 246 664. 394 691. 358 680. 114 690. 835 653. 318 661. 569 668. 018 663. 907 683. 135 695. 817	0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000	0.000 0.000 0.000 0.000 0.000 0.000 0.000	Pass Pass Pass Pass Pass Pass Pass Pass	Results file name: Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests: Error calculation: Accidentals method:	JM26 AFAS JSR_01 JSR_12 19.04.22 10:51:55 94MK5155.VER BWR COLLAR XXXX Pu 0.000 Verification Database On Sample method Measured		
						Inspector name: Passive comment:	JAEA AFAS BWR COLLAR J-MOX	Front	
						Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	0D 0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.04.22	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000
						Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Coefficient C deadtime:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1970 160. 0000 0. 6419 0. 1030 0. 0000		

(3)

Doubles gate fraction:

0.0001

(1)

201904_AFAS-B Collar_Front.txt

Triples gate fraction: Normalization constant: 1.0000 +-0.0000 0 000 +-Passive singles bkgrnd: 0.000 0.000 +-0.000 +-Passive doubles bkgrnd: Passive triples bkgrnd: 0.000 Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0.000 0.000 Number passive cycles: Count time (sec): 60

Passive error messages

Known alpha analysis error

Results

8132. 035 +-665. 267 +-3. 313 4. 000 Singles: Doubles: Triples: Scaler 1: Scaler 2: 0. 000 +-13. 023 +-0. 000 +-0. 000 0. 114 0.000

Passive cycle rate data

1 4331 V C	Oyoro rato da	La			
Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	8127. 644	664. 675	0.000	0.000	Pass
2	8129. 348	642.812	0.000	0.000	Pass
3	8120. 575	674. 255	0.000	0.000	Pass
4	8129.064	669.618	0.000	0.000	Pass
5	8152. 291	685. 545	0.000	0.000	Pass
6	8139. 592	662. 787	0.000	0.000	Pass
7	8148. 949	639.067	0.000	0.000	Pass
8	8123. 299	675. 798	0.000	0.000	Pass
9	8129. 215	668.312	0.000	0.000	Pass
10	8115. 445	677.470	0.000	0.000	Pass
11	8119. 272	658. 590	0.000	0.000	Pass
12	8148. 398	649.388	0.000	0.000	Pass
13	8133. 359	680. 158	0.000	0.000	Pass

(2)

201904_AFAS-P Collar_Back.txt 201904_AFAS-P Collar_Back.txt

19

31

7883, 538

Triples gate fraction: 0.0001 Normalization constant: 0.0000 Passive singles bkgrnd: Passive doubles bkgrnd: 0. 000 +-0. 000 +-0.000 0.000 Passive triples bkgrnd: Passive scaler1 bkgrnd: 0.000 +-0.000 Passive scaler2 bkgrnd: 0.000 Number passive cycles: 31 Count time (sec): 60

Passive error messages

No passive calibration curve calibration

No known alpha calibration

Results

Singles:	7874. 522 +-	2. 311
Doubles:	614. 350 +-	2. 901
Triples:	0.000 +-	0.000
Scaler 1:	29.661 +-	0.152
Scalar 2:	0 000 +-	0 000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	7857, 436	614, 050	0,000	0.000	Pass
2	7872, 322	600, 098	0.000	0.000	Pass
3	7863. 811	626. 501	0.000	0.000	Pass
4	7885. 440	614. 975	0.000	0.000	Pass
5	7862. 976	593.846	0.000	0.000	Pass
6	7872. 623	626. 136	0.000	0.000	Pass
7	7862. 159	626. 217	0.000	0.000	Pass
8	7884. 022	610. 161	0.000	0.000	Pass
9	7876. 478	598. 645	0.000	0.000	Pass
10	7874. 392	633.656	0.000	0.000	Pass
11	7861. 758	579. 924	0.000	0.000	Pass
12	7887. 877	596. 191	0.000	0.000	Pass
13	7879. 849	606. 634	0.000	0.000	Pass
14	7888. 394	581.417	0.000	0.000	Pass
15	7857. 569	611.610	0.000	0.000	Pass
16	7852. 412	630.059	0.000	0.000	Pass
17	7893. 735	607. 422	0.000	0.000	Pass

(2)

(3)

添付-64

Detector type: Detector id: Electronics id: AFAS JSR-12 Inventory change code: I/O code: Measurement date: Results file name: 19. 04. 22 13:24:36 94MN2436. VER Inspection number: Item id: Stratum id: PWR COLLAR Material type: Original declared mass: 0.000 Measurement option: Data source: QC tests: Verification Database

JMOX JM2G

INCC 5.1.2

Facility: Material balance area:

Error calculation: Accidentals method: Sample method Measured Inspector name: Passive comment: .IAFA

AFAS PWR COLLAR J-MOX Back

Isotopics id: Default Isotopics source code: 0D 0.0000 +-0.0000 +-100.0000 +-0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 Pu238: Pu239: 0.0000 +-0.0000 +-100.0000 +-Pu240: Pu241: Pu242: 0.0000 +-0.0000 +-0. 0000 0. 0000 0. 0000 +-0. 0000 +-0. 0000 0. 0000 Pu date: Am241: 00. 01. 01 0. 0000 +-19. 04. 22 0. 0000 +-0.0000 0.0000 Am date: 00, 01, 01 19.04.22 Predelay: 1.50

Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: Efficiency: 1720 0.1620 Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: 86. 5000 0. 3458 0 0299 Coefficient C deadtime: Doubles gate fraction: 0.0001

(1)

0.000

0.000 Pass

7868. 935 0.000 0.000 622. 558 Pass 630. 603 625. 955 607. 686 7897. 473 7889. 346 0.000 0.000 0.000 0.000 0.000 7875, 610 Pass 7878. 648 7846. 270 621. 976 603. 418 0. 000 0. 000 0. 000 0. 000 Pass Pass 7895 855 625. 054 621. 070 0.000 0.000 Pass 0. 000 0. 000 0.000 Pass 637.084 0.000 7883.688 Pass 7876. 378 7872. 239 638. 453 643. 466 0. 000 0. 000 0. 000 0. 000 Pass Pass 7870, 720 605. 111 599. 714 0.000 0.000 Pass 0.000 0.000 Pass

605 147

```
201904_AFAS-P Collar_Front.txt
                                                                                                                                                                                              201904_AFAS-P Collar_Front.txt
INCC 5.1.2
                                                                                                                                                            Triples gate fraction:
  Facility:
Material balance area:
                                      JMOX
JM2G
                                                                                                                                                          Normalization constant:
                                                                                                                                                                                                      1.0000 +-
                                                                                                                                                                                                                         0.0000
            Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                      0 000 +-
                                                                                                                                                                                                                          0 000
                                      AFAS
                                                                                                                                                          Passive singles bkgrnd:
                                                                                                                                                                                                      0.000 +-
0.000 +-
                                                                                                                                                           Passive doubles bkgrnd:
                                       JSR-12
                                                                                                                                                          Passive triples bkgrnd:
                                                                                                                                                                                                                          0.000
  Inventory change code:
I/O code:
                                                                                                                                                          Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                      0. 000
0. 000
        Measurement date:
Results file name:
                                      19. 04. 22 11:05:59
94ML0559. VER
        Inspection number:
Item id:
Stratum id:
                                                                                                                                                                   Count time (sec):
                                                                                                                                                                                                           60
                                      PWR COLLAR
                                                                                                                                                         Passive error messages
Material type:
Original declared mass:
                                      0.000
                                                                                                                                                         No passive calibration curve calibration
       Measurement option:
Data source:
QC tests:
                                      Verification
                                                                                                                                                         No known alpha calibration
                                       Database
                                                                                                                                                         Results
       Error calculation:
Accidentals method:
                                      Sample method
Measured
                                                                                                                                                                                                                        7849. 739 +-
                                                                                                                                                                                                Singles:
                                                                                                                                                                                                                        613. 864 +-
0. 000 +-
24. 336 +-
           Inspector name:
Passive comment:
                                                                                                                                                                                                Doubles:
Triples:
                                                                                                                                                                                                                                               3. 607
0. 000
                                       .IAFA
                                      AFAS PWR COLLAR J-MOX Front
                                                                                                                                                                                               Scaler 1:
                                                                                                                                                                                                                                               0.181
                Isotopics id:
                                      Default
                                                                                                                                                                                                                            0.000 +-
                                                                                                                                                                                                                                               0.000
  Isotopics source code:
                                      OD
                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                          Pu238:
Pu239:
                                                                                                0. 0000
0. 0000
                                                                                                                                                         Passive cycle rate data
                                                                                                0.0000
                                                                                                                                                         Cycle
                                                                                                                                                                         Singles
                                                                                                                                                                                               Doub I es
                                                                                                                                                                                                                    Triples
                                                                                                                                                                                                                                              Mass QC Tests
                           Pu240:
                          Pu241:
Pu242:
                                                                                                0. 0000
0. 0000
                                                                                                                                                                        7825. 509
7841. 547
                                                                                                                                                                                               614. 862
599. 640
                                                                                                                                                                                                                       0. 000
0. 000
                                                                                                                                                                                                                                            0.000 Pass
0.000 Pass
                                                                                                                                                                                               604. 492
602. 784
                       Pu date:
Am241:
                                      00. 01. 01
0. 0000 +-
                                                                           19. 04. 22
0. 0000 +-
                                                                                                                                                                                                                       0.000
0.000
                                                                                                                                                                                                                                            0.000
0.000
                                                                                                                                                                                                                                                      Pass
Pass
                                                                                                                                                                        7864 595
                                                            0.0000
                                                                                                0.0000
                                                                                                                                                                        7850. 626
                       Am date:
                                      00.01.01
                                                                           19.04.22
                                                                                                                                                             5
                                                                                                                                                                        7843 116
                                                                                                                                                                                               627. 650
593. 212
                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                      Pass
                                                                                                                                                                                                                                            0. 000
0. 000
                                                                                                                                                                        7866. 615
                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                       Pass
                                             1, 50
                     Prede lav
                                                                                                                                                                                               612, 942
                                                                                                                                                                                                                       0.000
                                                                                                                                                                        7836, 758
                                                                                                                                                                                                                                                      Pass
           Gate length:
2nd gate length:
                                           64. 00
64. 00
                                                                                                                                                                        7873. 574
7854. 048
                                                                                                                                                                                               609. 658
625. 029
                                                                                                                                                                                                                       0.000
0.000
                                                                                                                                                                                                                                            0. 000
0. 000
                                                                                                                                                                                                                                                      Pass
Pass
              High voltage:
Die away time:
Efficiency:
                                        1720
                                                                                                                                                            10
                                                                                                                                                                        7840, 513
                                                                                                                                                                                              615. 734
628. 253
                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                            0.000 Pass
                                                                                                                                                            11
12
                                            0.1620
                                                                                                                                                                                               632, 113
                                                                                                                                                                        7848, 306
                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                      Pass
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
                                           86. 5000
0. 3458
                                             0.0299
                                             0.0001
                                                         (1)
                                                                                                                                                                                                                   (2)
```

	201905 AFAS-B Collar Ba	nak +v+				201005 AEAS 5	Collar Back.txt		
	ZU19U5_AFA5-D CU11ar_D	ICK. LXL				201905_AFA5-E	GOTTAR_DACK. LXI		
INCC 5. 1. 2				Triple	es gate fraction:	0. 0001			
Facility: Material balance area: Detector id: Detector id: Electronics id: Inventory change code: 1/0 code:	JMOX JM2G AFAS JSR_01 JSR-12			Passive Passive Passive Passive	zation constant: e singles bkgrnd: e doubles bkgrnd: e triples bkgrnd: e scaler1 bkgrnd: e scaler2 bkgrnd:	0. 000 +- 0. 000	0. 000 0. 000		
Measurement date: Results file name: Inspection number:	19. 05. 17 14:11:00 95H01100. VER				passive cycles: Count time (sec):				
Item id: Stratum id:	BWR COLLAR XXXX			Passive	error messages				
Material type: Original declared mass:	Pu			Known al	pha analysis err	or			
Measurement option: Data source:	Verification			Passive	results				
QC tests:						Singles:	8044.119 +-	3.	090
Error calculation:						Doubles:	660.530 +-		427
Accidentals method:	Measured					Triples:	0.000 +-		.000
Inspector name:	JAEA AFAS BWR COLLAR J-MOX	Daale				Scaler 1: Scaler 2:	18.375 +- 0.000 +-		200
Passive comment:	AFAS DWK CULLAR J-MUX	Dack				Scater 2.	0.000 +-	0.	. 000
Isotopics id: Isotopics source code:	Default OD			Passive	cycle rate data				
Pu238:	0.0000 +- 0.0000	0.0000 +-	0.0000	Cycle	Singles	Doub I es	Triples	Mass	QC Tests
Pu239:	0.0000 +- 0.0000	0.0000 +-	0.0000	1	8030. 927	649. 942	0.000	0.000	Pass
Pu240:	100.0000 +- 0.0000	100.0000 +-	0.0000	2	8034. 252	652. 171	0.000	0.000	
Pu241:	0.0000 +- 0.0000	0.0000 +-	0.0000	3	8039. 699	648. 371	0.000	0.000	Pass
Pu242:	0.0000 +- 0.0000	0.0000 +-	0.0000	4	8037. 343	634. 264	0.000	0.000	
Pu date:		19. 05. 17		5	8036. 942	685. 511	0.000	0.000	
Am241:	0.0000 +- 0.0000	0.0000 +-	0.0000	6	8034. 101	680. 634	0.000	0.000	
Am date:	00. 01. 01	19. 05. 17		7	8056. 543	665. 650	0.000	0.000	
	. ==			8	8042. 540	656. 078	0.000	0.000	
Predelay:	1. 50			9	8068. 006	647. 830	0.000	0.000	
Gate length:	64. 00			10	8053. 635	651. 945	0.000	0.000	
2nd gate length:	64. 00			11	8058. 063	642. 749	0.000	0.000	
High voltage:	1720			12	8050. 460	684. 042	0.000	0.000	
Die away time:	50. 0000			13 14	8030. 125	673. 764	0.000	0.000	
Efficiency:	0. 1970			14	8045. 030	674. 474	0.000	0.000	rass
Multiplicity deadtime: Coefficient A deadtime:	160. 0000 0. 6419								
Coefficient B deadtime:	0. 1030								
Coefficient C deadtime:	0. 1030								
Dellicient deadtime.	0.0000								

Doubles gate fraction:

0.0001

(1)

```
201905_AFAS-B Collar_Front.txt
                                                                                                                                                                                                               201905_AFAS-B Collar_Front.txt
INCC 5.1.2
                                                                                                                                                                          Triples gate fraction:
  Facility:
Material balance area:
                                          JMOX
JM2G
                                                                                                                                                                        Normalization constant:
                                                                                                                                                                                                                        1.0000 +-
                                                                                                                                                                                                                                             0.0000
              Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                        0 000 +-
                                                                                                                                                                                                                                             0 000
                                          AFAS
                                                                                                                                                                        Passive singles bkgrnd:
                                                                                                                                                                                                                        0. 000 +-
0. 000 +-
                                                                                                                                                                         Passive doubles bkgrnd:
                                          JSR-12
                                                                                                                                                                        Passive triples bkgrnd:
                                                                                                                                                                                                                                             0.000
  Inventory change code:
I/O code:
                                                                                                                                                                        Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                        0. 000
0. 000
         Measurement date:
Results file name:
                                          19. 05. 17 10:56:07
95HK5607. VER
         Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                  Count time (sec):
                                                                                                                                                                                                                             60
                                          BWR COLLAR
                                                                                                                                                                       Passive error messages
Material type:
Original declared mass:
                                          0.000
                                                                                                                                                                       Known alpha analysis error
       Measurement option:
Data source:
QC tests:
                                          Verification
                                          Review disk file
                                                                                                                                                                       Results
                                          0n
       Error calculation:
Accidentals method:
                                          Sample method
Measured
                                                                                                                                                                                                                                          7989. 509 +-
650. 672 +-
0. 000 +-
12. 807 +-
0. 000 +-
                                                                                                                                                                                                                                                                    5. 140
3. 446
0. 000
0. 177
0. 000
                                                                                                                                                                                                                 Singles:
Doubles:
                                                                                                                                                                                                                Triples:
Scaler 1:
Scaler 2:
            Inspector name:
Passive comment:
                                           .IAFA
                                          AFAS BWR COLLAR J-MOX Front
                 Isotopics id:
                                          Default
  Isotopics source code:
                                                                                                                                                                       Passive cycle rate data
                                          OD
                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                  0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                             Pu238:
Pu239:
                                                                                                        0. 0000
0. 0000
                                                                                                                                                                                                               Doubles
644. 451
644. 197
654. 424
672. 684
656. 358
                                                                                                                                                                       Cycle
                                                                                                                                                                                         Singles
                                                                                                                                                                                                                                                                             QC Tests
                                                                                                         0.0000
                                                                                                                                                                                       7958. 992
7993. 213
7973. 813
                                                                                                                                                                                                                                          0.000
0.000
0.000
                                                                                                                                                                                                                                                                  0.000 Pass
                             Pu240:
                             Pu241:
Pu242:
                                                                                                         0. 0000
0. 0000
                                                                                                                                                                                                                                                                  0. 000
0. 000
                                                                                                                                                                                                                                                                            Pass
Pass
                         Pu date:
Am241:
                                         00. 01. 01
0. 0000 +-
                                                                                  19. 05. 17
0. 0000 +-
                                                                                                                                                                                       8012. 128
7989. 938
                                                                                                                                                                                                                                                                  0.000
0.000
                                                                                                                                                                                                                                                                            Pass
Pass
                                                                                                                                                                                                                                           0.000
                                                                 0.0000
                                                                                                         0.0000
                                                                                                                                                                                                                                           0.000
                         Am date:
                                          00.01.01
                                                                                  19.05.17
                                                                                                                                                                           6
7
                                                                                                                                                                                       7978. 826
7988. 902
                                                                                                                                                                                                                642. 331
631. 765
                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                            Pass
                                                                                                                                                                                                                                                                 0.000
0.000
                                                                                                                                                                                                                                                                             Pass
                                                 1, 50
                       Prede lav
                                                                                                                                                                                        7994, 216
                                                                                                                                                                                                                651, 585
                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                             Pass
                                                                                                                                                                           8
            Gate length:
2nd gate length:
                                               64. 00
64. 00
                                                                                                                                                                                       7992. 545
8012. 513
                                                                                                                                                                                                                655. 086
653. 838
                                                                                                                                                                                                                                          0.000
0.000
                                                                                                                                                                                                                                                                 0.000
0.000
                                                                                                                                                                                                                                                                            Pass
Pass
                                                                                                                                                                          10
               High voltage:
Die away time:
Efficiency:
                                            1720
                                                0.1970
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
                                             160. 0000
0. 6419
                                                 0.1030
                                                 0.0001
```

(1)

0.0001

(1)

Doubles gate fraction:

	201905_AFAS-P Collar_Back.t	xt				201905_AFAS-	P Collar_Back.tx	:	
INCC 5. 1. 2				Triple	s gate fraction	0, 0001			
11100 0.1.2				TTTPTC	o gato iraction	0.0001			
Facility:				Normali	zation constant:	1.0000	+- 0.0000		
Material balance area:	JM2G						0.000		
Detector type:	AFAS				singles bkgrnd				
Detector id: Electronics id:	JSR_03 JSR-12				doubles bkgrnd				
Inventory change code:	USK-12				triples bkgrnd: scaler1 bkgrnd:		- 0.000		
I/O code:					scaler2 bkgrnd				
Measurement date:	19. 05. 17 13:36:32			1 4001 10	COUTOI E DIGITIO	0.000			
Results file name:	95HN3632. VER			Number	passive cycles:	10			
Inspection number:				C	ount time (sec):	60			
Item id:	PWR COLLAR								
Stratum id:	XXXX			Passive	error messages				
Material type:									
Original declared mass:	0.000				ve calibration o		ion		
Measurement option: Data source:	Verification Review disk file			No known	alpha calibrati	ion			
QC tests:	On			Results					
Error calculation:	Sample method			Nosurts					
Accidentals method:	Measured					Singles:	7715. 024 +-	3.94	19
Inspector name:	JAEA					Doubles:	606. 170 +-	4. 42	1
Passive comment:	AFAS PWR COLLAR J-MOX Back					Triples:	0.000 +-	0.00	
						Scaler 1:	28. 842 +-	0. 22	
Isotopics id:						Scaler 2:	0.000 +-	0.00	10
Isotopics source code:	OD	0 0000 .	0.0000	D:					
Pu238 : Pu239 :		0. 0000 +- 0. 0000 +-	0. 0000 0. 0000	Passive	cycle rate data				
Pu240:		0.0000 +-	0.0000	Cycle	Singles	Doubles	Triples	Macc	QC Tests
Pu241:		0.0000 +-	0.0000	1	7711, 206	621, 188	0.000	0.000	Pass
Pu242:		0.0000 +-	0. 0000	2	7692, 931	630, 776	0.000	0.000	Pass
Pu date:		. 05. 17		3	7708. 135	589. 319	0.000	0.000	Pass
Am241:	0.0000 +- 0.0000	0.0000 +-	0.0000	4	7717. 664	589. 053	0.000	0.000	Pass
Am date:	00. 01. 01 19	. 05. 17		5	7736. 973	616.063	0.000	0.000	Pass
				6	7723. 038	599. 399	0.000	0.000	Pass
Predelay:	1. 50			7	7721. 169	603. 208	0.000	0.000	Pass
Gate length:	64.00			8 9	7719. 850 7700. 107	610. 845	0.000	0.000	Pass
2nd gate length: High voltage:	64. 00 1720			10	7700. 107 7719. 166	608. 735 593. 114	0. 000 0. 000	0. 000 0. 000	Pass
Die away time:	50. 0000			10	1119. 100	000.114	0.000	0.000	1 400
Efficiency:	0. 1620								
Multiplicity deadtime:	86. 5000								
Coefficient A deadtime:	0. 3458								
Coefficient B deadtime:	0. 0299								
Coefficient C deadtime:	0. 0000								
Doubles gate fraction:	0.0001								

```
201905_AFAS-P Collar_Front.txt
                                                                                                                                                                                               201905_AFAS-P Collar_Front.txt
INCC 5.1.2
                                                                                                                                                            Triples gate fraction:
  Facility:
Material balance area:
                                      JMOX
JM2G
                                                                                                                                                           Normalization constant:
                                                                                                                                                                                                       1.0000 +-
                                                                                                                                                                                                                          0.0000
            Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                       0 000 +-
                                                                                                                                                                                                                          0 000
                                      AFAS
                                                                                                                                                           Passive singles bkgrnd:
                                                                                                                                                                                                       0.000 +-
0.000 +-
                                                                                                                                                           Passive doubles bkgrnd:
                                       JSR-12
                                                                                                                                                           Passive triples bkgrnd:
                                                                                                                                                                                                                          0.000
  Inventory change code:
I/O code:
                                                                                                                                                           Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                       0. 000
0. 000
        Measurement date:
Results file name:
                                      19. 05. 17 13:23:28
95HN2328. VER
        Inspection number:
Item id:
Stratum id:
                                                                                                                                                                   Count time (sec):
                                                                                                                                                                                                           60
                                      PWR COLLAR
                                                                                                                                                         Passive error messages
Material type:
Original declared mass:
                                      0.000
                                                                                                                                                         No passive calibration curve calibration
       Measurement option:
Data source:
QC tests:
                                      Verification
Review disk file
                                                                                                                                                         No known alpha calibration
                                                                                                                                                         Results
                                      0n
       Error calculation:
Accidentals method:
                                      Sample method
Measured
                                                                                                                                                                                                                        7703.699 +-
                                                                                                                                                                                                 Singles:
                                                                                                                                                                                                                         602. 809 +-
0. 000 +-
24. 128 +-
           Inspector name:
Passive comment:
                                                                                                                                                                                                 Doubles:
Triples:
                                                                                                                                                                                                                                               2. 935
0. 000
                                       .IAFA
                                      AFAS PWR COLLAR J-MOX Front
                                                                                                                                                                                                Scaler 1:
                                                                                                                                                                                                                                                0.181
                Isotopics id:
                                      Default
                                                                                                                                                                                                                            0.000 +-
                                                                                                                                                                                                                                                0.000
  Isotopics source code:
                                      OD
                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                          Pu238:
Pu239:
                                                                                                0. 0000
0. 0000
                                                                                                                                                         Passive cycle rate data
                                                                                                0.0000
                                                                                                                                                         Cycle
                                                                                                                                                                          Singles
                                                                                                                                                                                               Doub I es
                                                                                                                                                                                                                     Triples
                                                                                                                                                                                                                                               Mass QC Tests
                           Pu240:
                                                                                                                                                                                               601. 899
600. 298
                          Pu241:
Pu242:
                                                                                                0. 0000
0. 0000
                                                                                                                                                                         7694. 583
7709. 236
                                                                                                                                                                                                                        0. 000
0. 000
                                                                                                                                                                                                                                             0.000 Pass
0.000 Pass
                       Pu date:
Am241:
                                      00. 01. 01
0. 0000 +-
                                                                           19. 05. 17
0. 0000 +-
                                                                                                                                                                                               599. 748
591. 274
                                                                                                                                                                                                                        0.000
0.000
                                                                                                                                                                                                                                             0.000
0.000
                                                                                                                                                                                                                                                       Pass
Pass
                                                                                                                                                                         7714.693
                                                            0.0000
                                                                                                0.0000
                                                                                                                                                                         7709. 169
                       Am date:
                                      00.01.01
                                                                            19.05.17
                                                                                                                                                              5
                                                                                                                                                                         7698, 772
                                                                                                                                                                                                618.845
                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                       Pass
                                                                                                                                                                                                                                             0. 000
0. 000
                                                                                                                                                                                                                                                        Pass
                                             1, 50
                     Prede lav
                                                                                                                                                                         7685, 588
                                                                                                                                                                                               608, 131
                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                       Pass
           Gate length:
2nd gate length:
                                           64. 00
64. 00
                                                                                                                                                                         7712. 307
7691. 579
                                                                                                                                                                                               608. 888
587. 795
                                                                                                                                                                                                                        0.000
0.000
                                                                                                                                                                                                                                             0. 000
0. 000
                                                                                                                                                                                                                                                       Pass
Pass
              High voltage:
Die away time:
Efficiency:
                                        1720
                                                                                                                                                             10
                                                                                                                                                                         7711, 723
                                                                                                                                                                                               600, 015
                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                             0.000 Pass
                                            0.1620
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
                                           86. 5000
0. 3458
                                             0.0299
                                             0.0001
                                                         (1)
                                                                                                                                                                                                                    (2)
```

	201906_AFAS-B Collar_Back.txt	2	01906_AFAS-B Collar_Back.txt
INCC 5.1.2		Triples gate fraction:	0. 0001

0.0001

(1)

Doubles gate fraction:

INCC 5. 1. 2				Triple	es gate fraction:	0. 0001			
Facility:	.IMOX			Mormali	zation constant:	1,0000 +	- 0.0000		
Material balance area:				Norman	Zation constant.	1.0000	0.0000		
Detector type:				Doggiya	singles bkgrnd:	0,000 +-	0.000		
Detector id:					doubles bkgrnd:				
Electronics id:	JSR-12				triples bkgrnd:		0.000		
Inventory change code:					scaler1 bkgrnd:				
I/O code:				Passive	scaler2 bkgrnd:	0.000			
Measurement date:	19.06.04 13:59:43								
Results file name:	964N5943. VER			Number	passive cycles:	10			
Inspection number:				(Count time (sec):	60			
Item id:	BWR COLLAR								
Stratum id:	XXXX			Passive	error messages				
Material type:									
Original declared mass:				Known al	pha analysis err	or			
Measurement option:	Verification			Milowii ui	pila aliai yoto ott	OI .			
Data source:	Review disk file			Results					
QC tests:				Nosures					
Error calculation:	Sample method					Singles:	7963, 163 +-	3, 60	0
Accidentals method:						Doubles:	660. 020 +-	4. 80	
	Measured								
Inspector name:	JAEA					Triples:	0.000 +-	0.00	
Passive comment:	Back					Scaler 1:	17. 628 +-	0. 20	
						Scaler 2:	0.000 +-	0.00	0
Isotopics id:									
Isotopics source code:				Passive	cycle rate data				
Pu238:	0.0000 +- 0.0000	0.0000 +-	0.0000						
Pu239:	0.0000 +- 0.0000	0.0000 +-	0.0000	Cycle	Singles	Doub I es	Triples	Mass	QC Tests
Pu240:	100.0000 +- 0.0000	100.0000 +-	0.0000	1	7966. 127	678. 812	0.000	0.000	Pass
Pu241:	0.0000 +- 0.0000	0.0000 +-	0.0000	2	7947. 931	646. 339	0.000	0.000	Pass
Pu242:	0.0000 +- 0.0000	0.0000 +-	0.0000	3	7963, 036	645. 122	0.000	0.000	Pass
Pu date:	00. 01. 01	19. 06. 04		4	7953, 111	643, 929	0.000	0.000	Pass
Am241:	0.0000 +- 0.0000	0.0000 +-	0.0000	5	7951, 022	656, 609	0.000	0.000	Pass
	00. 01. 01	19. 06. 04	0.0000	6	7975. 551	664. 158	0.000	0.000	
7th dato.	00.01.01	10.00.04		7	7962. 835	644. 921	0.000	0.000	Pass
Predelay:	1, 50			8	7986. 162	663. 761	0.000	0.000	
Gate length:	64. 00			9	7962. 384	670. 602	0.000	0.000	
2nd gate length:	64. 00			10	7963, 470	685. 947	0.000	0.000	
	1720			10	7903. 470	000. 947	0.000	0.000	газз
High voltage:									
Die away time:	50. 0000								
Efficiency:	0. 1970								
Multiplicity deadtime:	160. 0000								
Coefficient A deadtime:	0. 6419								
Coefficient B deadtime:	0. 1030								
Coefficient C deadtime:	0. 0000								
Doubles gate fraction:	0.0001								

```
201906_AFAS-B Collar_Front.txt
                                                                                                                                                                                                                      201906_AFAS-B Collar_Front.txt
INCC 5.1.2
                                                                                                                                                                                Triples gate fraction:
  Facility:
Material balance area:
                                           JMOX
JM2G
                                                                                                                                                                              Normalization constant:
                                                                                                                                                                                                                                1.0000 +-
                                                                                                                                                                                                                                                     0.0000
              Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                0 000 +-
                                                                                                                                                                                                                                                      0 000
                                           AFAS
                                                                                                                                                                              Passive singles bkgrnd:
                                                                                                                                                                                                                               0. 000 +-
0. 000 +-
                                                                                                                                                                               Passive doubles bkgrnd:
                                            JSR-12
                                                                                                                                                                              Passive triples bkgrnd:
                                                                                                                                                                                                                                                      0.000
  Inventory change code:
I/O code:
                                                                                                                                                                              Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                               0. 000
0. 000
          Measurement date:
Results file name:
                                           19. 06. 05 11:03:02
965L0302. VER
          Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                        Count time (sec):
                                                                                                                                                                                                                                     60
                                           BWR COLLAR
                                                                                                                                                                            Passive error messages
Material type:
Original declared mass:
                                           0.000
                                                                                                                                                                            Known alpha analysis error
       Measurement option:
Data source:
QC tests:
Error calculation:
Accidentals method:
                                           Verification
Review disk file
                                                                                                                                                                            Results
                                           0n
                                           Sample method
Measured
                                                                                                                                                                                                                       Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                  7898. 248 +-
654. 043 +-
0. 000 +-
13. 020 +-
0. 000 +-
                                                                                                                                                                                                                                                                             4. 471
4. 348
0. 000
0. 123
0. 000
             Inspector name:
Passive comment:
                                            JAEA
                  Isotopics id:
                                           Default
  Isotopics source code:
                                                                                                                                                                            Passive cycle rate data
                                           OD
                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                  0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                              Pu238:
Pu239:
                                                                                                            0. 0000
0. 0000
                                                                                                                                                                                                                                                                          Mass QC Te
0.000 Pass
0.000 Pass
0.000 Pass
                                                                                                                                                                            Cycle
                                                                                                                                                                                                Singles
                                                                                                                                                                                                                        Doubles
                                                                                                                                                                                                                                                                                      QC Tests
                                                                                                            0.0000
                                                                                                                                                                                              7894. 010
7881. 312
7916. 167
                                                                                                                                                                                                                       671. 042
655. 876
663. 278
                                                                                                                                                                                                                                                  0.000
0.000
0.000
                              Pu240:
                              Pu241:
Pu242:
                                                                                                            0. 0000
0. 0000
                          Pu date:
Am241:
                                           00. 01. 01
0. 0000 +-
                                                                                     19. 06. 05
0. 0000 +-
                                                                                                                                                                                              7883. 634
7886. 792
                                                                                                                                                                                                                       632. 308
639. 714
                                                                                                                                                                                                                                                                           0.000
0.000
                                                                                                                                                                                                                                                                                      Pass
Pass
                                                                                                                                                                                                                                                   0.000
                                                                   0.0000
                                                                                                            0.0000
                                                                                                                                                                                                                                                   0.000
                          Am date:
                                           00, 01, 01
                                                                                     19.06.05
                                                                                                                                                                                 6
7
                                                                                                                                                                                              7897. 503
                                                                                                                                                                                                                       663, 807
                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                                      Pass
                                                                                                                                                                                                                       635. 619
651. 138
                                                                                                                                                                                                                                                                          0.000
0.000
                                                                                                                                                                                                                                                                                      Pass
                                                  1, 50
                        Prede lav
                                                                                                                                                                                              7885, 455
                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                                      Pass
                                                                                                                                                                                 8
             Gate length:
2nd gate length:
                                                 64. 00
64. 00
                                                                                                                                                                                              7910. 335
7918. 372
                                                                                                                                                                                                                       661. 433
666. 211
                                                                                                                                                                                                                                                  0.000
0.000
                                                                                                                                                                                                                                                                          0.000
0.000
                                                                                                                                                                                                                                                                                      Pass
Pass
                                                                                                                                                                                10
                High voltage:
Die away time:
Efficiency:
                                             1720
                                                  0.1970
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
                                               160. 0000
0. 6419
                                                  0.1030
                                                  0.0001
                                                                 (1)
                                                                                                                                                                                                                                              (2)
```

	201906_AFAS-P Collar	_Back. txt				201906_AFAS-	P Collar_Back.tx	t		
INCC 5. 1. 2				Triple	es gate fraction	0. 0001				
Facility: Material balance area:	JMOX JM2G			Normali	zation constant	1.0000	+- 0.0000			
Detector type: Detector id: Electronics id:	AFAS JSR_03 JSR-12			Passive	e singles bkgrnd e doubles bkgrnd e triples bkgrnd	0.000 +	- 0.000			
Inventory change code: I/O code: Measurement date:	19.06.05 09:37:41				e scaler1 bkgrnd e scaler2 bkgrnd					
Results file name: Inspection number: Item id:	965J3741. VER PWR COLLAR				passive cycles Count time (sec)					
Stratum id: Material type:	XXXX Pu			Passive	error messages					
Original declared mass: Measurement option:	0.000 Verification			No passive calibration curve calibration No known alpha calibration						
Data source: QC tests: Error calculation:	Review disk file On Sample method			Results						
Accidentals method: Inspector name: Passive comment:	Measured JAEA Back					Singles: Doubles: Triples: Scaler 1:	7635. 859 +- 595. 330 +- 0. 000 +- 28. 722 +-	3. 75 4. 14 0. 00 0. 11	.0 0	
Isotopics id: Isotopics source code:	Default OD					Scaler 2:	0.000 +-	0.00		
Pu238 : Pu239 :	0.0000 + 0.000 0.0000 + 0.000		0. 0000 0. 0000	Passive	cycle rate data					
Pu240: Pu241: Pu242: Pu date:	100.0000 +- 0.000 0.0000 +- 0.000 0.0000 +- 0.000 00.01.01	0 0.0000 +- 0 0.0000 +- 19.06.05	0. 0000 0. 0000 0. 0000	Cycle 1 2 3	Singles 7648.906 7659.203 7619.484	Doubles 588. 037 586. 451 601. 850	Triples 0.000 0.000 0.000	Mass 0.000 0.000 0.000	Pass	
	0. 0000 +- 0. 000 00. 01. 01	0 0.0000 +- 19.06.05	0. 0000	4 5 6	7641. 980 7628. 396 7630. 198	578. 009 610. 157 592. 812	0. 000 0. 000 0. 000	0. 000 0. 000 0. 000	Pass Pass Pass	
Predelay: Gate length: 2nd gate length:	1. 50 64. 00 64. 00			7 8 9	7639. 060 7626. 744 7636. 740	607. 336 611. 477 575. 434	0. 000 0. 000 0. 000	0.000 0.000 0.000	Pass Pass Pass	
High voltage: Die away time: Efficiency:	1720 50. 0000 0. 1620			10	7627. 878	601. 735	0. 000	0.000		
Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime:	86. 5000 0. 3458 0. 0299									
Coefficient C deadtime:	0. 0299 0. 0000 0. 0001									

0.0001

(1)

Doubles gate fraction:

```
201906_AFAS-P Collar_Front.txt
                                                                                                                                                                                            201906_AFAS-P Collar_Front.txt
INCC 5.1.2
                                                                                                                                                          Triples gate fraction:
  Facility:
Material balance area:
                                      JMOX
JM2G
                                                                                                                                                         Normalization constant:
                                                                                                                                                                                                    1.0000 +-
                                                                                                                                                                                                                       0.0000
            Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                    0 000 +-
                                                                                                                                                                                                                       0 000
                                      AFAS
                                                                                                                                                         Passive singles bkgrnd:
                                                                                                                                                                                                    0.000 +-
0.000 +-
                                                                                                                                                         Passive doubles bkgrnd:
                                      JSR-12
                                                                                                                                                         Passive triples bkgrnd:
                                                                                                                                                                                                                       0.000
  Inventory change code:
I/O code:
                                                                                                                                                                                                    0.000
                                                                                                                                                         Passive scaler2 bkgrnd:
                                                                                                                                                                                                    0.000
        Measurement date:
Results file name:
                                      19. 06. 05 09:53:45
965J5345. VER
                                                                                                                                                          Number passive cycles:
        Inspection number:
Item id:
Stratum id:
                                                                                                                                                                 Count time (sec):
                                                                                                                                                                                                         60
                                      PWR COLLAR
                                                                                                                                                       Passive error messages
Material type:
Original declared mass:
                                      0.000
                                                                                                                                                       No passive calibration curve calibration
       Measurement option:
Data source:
QC tests:
                                      Verification
                                                                                                                                                       No known alpha calibration
                                      Review disk file
                                                                                                                                                       Results
                                      0n
       Error calculation:
Accidentals method:
                                      Sample method
Measured
                                                                                                                                                                                                                                            4. 153
2. 718
0. 000
                                                                                                                                                                                                                     7616. 312 +-
                                                                                                                                                                                              Singles:
                                                                                                                                                                                                                      598. 483 +-
0. 000 +-
23. 590 +-
           Inspector name:
Passive comment:
                                                                                                                                                                                              Doubles:
Triples:
                                       .IAFA
                                                                                                                                                                                             Scaler 1:
                                                                                                                                                                                                                                            0.180
               Isotopics id:
                                      Default
  Isotopics source code:
                                      OD
                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                          0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                          Pu238 :
Pu239 :
                                                                                               0. 0000
0. 0000
                                                                             0.0000 +-
                                                                                                                                                       Passive cycle rate data
                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                                       Singles
                                                                                                                                                                                                                                                   QC Tests
                          Pu240:
                                                                                               0.0000
                                                                                                                                                       Cycle
                                                                                                                                                                                             Doubles 1
                                                                                                                                                                                                                  Triples
                                                                                                                                                                                                                                           Mass
                          Pu241:
Pu242:
                                                                                               0. 0000
0. 0000
                                                                                                                                                                      7617. 281
7602. 929
                                                                                                                                                                                             596. 603
591. 085
                                                                                                                                                                                                                    0. 000
0. 000
                                                                                                                                                                                                                                          0. 000
0. 000
                                                                                                                                                                                                                                                   Pass
Pass
                       Pu date:
Am241:
                                     00. 01. 01
0. 0000 +-
                                                                          19. 06. 05
0. 0000 +-
                                                                                                                                                                                             605. 077
610. 187
                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                          0.000
0.000
                                                                                                                                                                                                                                                    Pass
Pass
                                                                                                                                                                       7628. 930
                                                           0.0000
                                                                                               0.0000
                                                                                                                                                                       7608. 102
                       Am date:
                                      00.01.01
                                                                          19.06.05
                                                                                                                                                           5
                                                                                                                                                                       7628 496
                                                                                                                                                                                             590. 990
595. 227
583. 885
                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                    Pass
                                                                                                                                                                                                                                         0. 000
0. 000
                                                                                                                                                                                                                                                    Pass
                                            1, 50
                     Prede lav
                                                                                                                                                                       7611, 941
                                                                                                                                                                                                                     0.000
                                                                                                                                                                                                                                                    Pass
           Gate length:
2nd gate length:
                                           64. 00
64. 00
                                                                                                                                                                       7630. 682
7614. 377
                                                                                                                                                                                             610. 108
600. 412
                                                                                                                                                                                                                    0.000
0.000
                                                                                                                                                                                                                                          0. 000
0. 000
                                                                                                                                                                                                                                                   Pass
Pass
              High voltage:
Die away time:
Efficiency:
                                        1720
                                                                                                                                                          10
                                                                                                                                                                       7628, 796
                                                                                                                                                                                             601, 251
                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                          0.000 Pass
                                            0.1620
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
                                           86. 5000
0. 3458
                                            0 0299
```

Pass

0.000 Pass

0.000 Pass

0 000

0.000

Doubles gate fraction:

0.0001

64. 00 64. 00

1720 50. 0000

0. 1970 160. 0000 0. 6419 0. 1030 0.0000

0.0001

(1)

Predelay:

Gate length: 2nd gate length: High voltage:

Die away time:

Bie away time:

Efficiency:

Multiplicity deadtime:

Coefficient A deadtime:

Coefficient B deadtime:

Doubles gate fraction:

(1)

	201907_AFAS-B Collar_Back.txt		201907_AFAS-B Collar_Back.txt					
INCC 5.1.2		Triples gate fraction:	0. 0001					
Facility:		Normalization constant:	1. 0000 +-	0.0000				
Material balance area:								
Detector type:	AFAS	Passive singles bkgrnd:	0.000 +-	0.000				
Detector id:		Passive doubles bkgrnd:	0.000 +-	0.000				
Electronics id:	JSR-12	Passive triples bkgrnd:	0.000 +-	0.000				
Inventory change code:		Passive scaler1 bkgrnd:	0.000					
I/O code:		Passive scaler2 bkgrnd:	0.000					
Measurement date:	19. 07. 03 13:46:55							
Results file name:	973N4655. VER	Number passive cycles:	10					
Inspection number:		Count time (sec):	60					
Item id:	BWR COLLAR							
Stratum id:	XXXX	Passive error messages						
Material type:								
Original declared mass:	0.000	Known alpha analysis erro	nr					
Measurement option:	Verification	mont alpha analysis sit.	• •					
Data source:	Review disk file	Results						
QC tests:		Noure						
Error calculation:			Singles:	7800. 094 +-	3, 269			
Accidentals method:	Measured		Doubles:	654. 852 +-	5. 432			
Inspector name:			Triples:	0.000 +-	0.000			
	AFAS BWR COLLAR J-MOX Back		Scaler 1:	17. 913 +-	0. 000			
rassive comment.	AFAS DWA COLLAN U-MOX DACK		Scaler 2:	0.000 +-	0. 259			
Tankanian id:	Default		Scarer 2.	0.000 +-	0.000			
Isotopics id:		Description and the date						
Isotopics source code:	OD 0.0000 0.0000 0.0000	Passive cycle rate data						
Pu238:	0.0000 +- 0.0000	0.1.0.1	B 11		W 00 T 1			
Pu239:	0.0000 +- 0.0000 0.0000 +- 0.0000	Cycle Singles		Triples	Mass QC Tests			
Pu240:	100.0000 +- 0.0000 100.0000 +- 0.0000	1 7783. 733	666. 874	0.000	0.000 Pass			
Pu241:	0. 0000 +- 0. 0000 0. 0000 +- 0. 0000	2 7798. 119	661. 855	0.000	0.000 Pass			
Pu242:	0.0000 +- 0.0000 0.0000 +- 0.0000	3 7810. 199	655. 009	0.000	0.000 Pass			
Pu date:	00. 01. 01 19. 07. 03	4 7793. 040	655. 739	0.000	0.000 Pass			
Am241:	0. 0000 +- 0. 0000 0. 0000 +- 0. 0000	5 7800. 091	641. 956	0.000	0.000 Pass			
Am date:	00. 01. 01 19. 07. 03	6 7793. 107	615. 890	0.000	0.000 Pass			
		7 7797. 284	648. 571	0.000	0.000 Pass			
Dundalaur	1 50	0 7011 205	CEE OOF	0.000	0 000 D			

(2)

8 9

10

7811 285

7818. 437

655. 395

669, 535

```
201907_AFAS-B Collar_Front.txt
                                                                                                                                                                                                                        201907_AFAS-B Collar_Front.txt
INCC 5.1.2
                                                                                                                                                                                 Triples gate fraction:
  Facility:
Material balance area:
                                           JMOX
JM2G
                                                                                                                                                                               Normalization constant:
                                                                                                                                                                                                                                 1.0000 +-
                                                                                                                                                                                                                                                       0.0000
              Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                 0 000 +-
                                                                                                                                                                                                                                                       0 000
                                           AFAS
                                                                                                                                                                               Passive singles bkgrnd:
                                                                                                                                                                                                                                 0. 000 +-
0. 000 +-
                                                                                                                                                                                Passive doubles bkgrnd:
                                                                                                                                                                                                                                                       0.000
                                            JSR-12
                                                                                                                                                                               Passive triples bkgrnd:
  Inventory change code:
I/O code:
                                                                                                                                                                               Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                 0. 000
0. 000
          Measurement date:
Results file name:
                                           19. 07. 03 13:33:51
973N3351. VER
          Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                         Count time (sec):
                                                                                                                                                                                                                                      60
                                           BWR COLLAR
                                                                                                                                                                              Passive error messages
Material type:
Original declared mass:
                                           0.000
                                                                                                                                                                              Known alpha analysis error
       Measurement option:
Data source:
QC tests:
Error calculation:
Accidentals method:
                                           Verification
                                            Review disk file
                                                                                                                                                                              Results
                                           0n
                                           Sample method
Measured
                                                                                                                                                                                                                        Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                    7748. 404 +-
634. 927 +-
0. 000 +-
12. 877 +-
0. 000 +-
                                                                                                                                                                                                                                                                               5. 418
4. 908
0. 000
0. 122
0. 000
             Inspector name:
Passive comment:
                                            .IAFA
                                           AFAS BWR COLLAR J-MOX Front
                  Isotopics id:
                                           Default
  Isotopics source code:
                                                                                                                                                                              Passive cycle rate data
                                           OD
                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                   0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                              Pu238:
Pu239:
                                                                                                            0. 0000
0. 0000
                                                                                                                                                                                                                        Doubles
627. 364
644. 738
611. 545
647. 672
646. 229
                                                                                                                                                                                                                                                                           Mass QC Te
0.000 Pass
0.000 Pass
0.000 Pass
                                                                                                                                                                              Cycle
                                                                                                                                                                                                 Singles
                                                                                                                                                                                                                                                                                        QC Tests
                                                                                                                                                                                                                                                    0.000
0.000
0.000
                                                                                                             0.0000
                                                                                                                                                                                               7751. 804
7762. 614
7734. 377
                              Pu240:
                              Pu241:
Pu242:
                                                                                                             0. 0000
0. 0000
                          Pu date:
Am241:
                                           00. 01. 01
0. 0000 +-
                                                                                     19. 07. 03
0. 0000 +-
                                                                                                                                                                                               7768. 345
7763. 466
                                                                                                                                                                                                                                                                            0.000
0.000
                                                                                                                                                                                                                                                                                       Pass
Pass
                                                                                                                                                                                                                                                     0.000
                                                                    0.0000
                                                                                                             0.0000
                                                                                                                                                                                                                                                     0.000
                           Am date:
                                           00.01.01
                                                                                      19.07.03
                                                                                                                                                                                   6
7
                                                                                                                                                                                               7747. 911
7731. 720
7754. 811
                                                                                                                                                                                                                        649. 137
610. 757
                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                                       Pass
                                                                                                                                                                                                                                                                            0.000
0.000
                                                                                                                                                                                                                                                                                        Pass
                                                   1, 50
                        Prede lav
                                                                                                                                                                                                                         646. 108
                                                                                                                                                                                                                                                     0.000
                                                                                                                                                                                                                                                                                        Pass
                                                                                                                                                                                   8
             Gate length:
2nd gate length:
                                                 64. 00
64. 00
                                                                                                                                                                                               7755. 713
7713. 275
                                                                                                                                                                                                                         644. 216
621. 503
                                                                                                                                                                                                                                                    0.000
0.000
                                                                                                                                                                                                                                                                            0.000
0.000
                                                                                                                                                                                                                                                                                       Pass
Pass
                High voltage:
Die away time:
Efficiency:
                                              1720
                                                  0.1970
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
                                               160. 0000
0. 6419
                                                   0.1030
                                                   0.0001
                                                                 (1)
                                                                                                                                                                                                                                               (2)
```

	201907_AFAS-P Collar_Ba	ck. txt				201907_AFAS-F	Collar_Back.tx	i.	
INCC 5.1.2				Triple	es gate fraction	0. 0001			
Facility:				Normal	zation constant	1.0000	- 0.0000		
Material balance area:	JM2G			D:	:	: 0.000 +-	0.000		
Detector type:	AFAS				singles bkgrnd				
Detector id: Electronics id:	JSR_03 JSR-12				e doubles bkgrnd e triples bkgrnd				
Inventory change code:	USK-12				s cripies bkgrid s scaler1 bkgrid		0.000		
I/O code:					s scaleri bkgrnd s scaler2 bkgrnd				
Measurement date:	19. 07. 03 14:12:02			Tassive	Sodiel Z Drgillu	0.000			
Results file name:	97301202. VER			Number	passive cycles	: 10			
Inspection number:	37001202. VEN				Count time (sec)				
Item id:	PWR COLLAR			Ì	,000,				
Stratum id:	XXXX			Passive	error messages				
Material type:	Pu								
Original declared mass:	0.000			No pass	ve calibration	curve calibrati	on		
Measurement option:	Verification			No know	n alpha calibrat	ion			
Data source:	Review disk file								
QC tests:				Results					
Error calculation:	Sample method								
Accidentals method:	Measured					Singles:	7480. 546 +-	5. 52	
Inspector name:	JAEA					Doubles:	591.091 +-	3.80	
Passive comment:	AFAS PWR COLLAR J-MOX	Back				Triples:	0.000 +-	0.00	
						Scaler 1:	28. 485 +-	0.16	
Isotopics id:						Scaler 2:	0.000 +-	0.00	00
Isotopics source code:	OD		0.0000						
Pu238:	0.0000 + 0.0000	0.0000 +-	0.0000	Passive	cycle rate data				
Pu239:	0.0000 + 0.0000	0.0000 +-	0.0000		0: 1	D 11	-		00 T .
Pu240:	100.0000 +- 0.0000	100.0000 +-	0.0000	Cycle	Singles	Doubles	Triples	Mass	QC Tests
Pu241:	0.0000 +- 0.0000	0.0000 +-	0.0000	ı	7496. 904	608. 123	0.000	0.000	Pass
Pu242:	0. 0000 +- 0. 0000 00. 01. 01	0. 0000 +- 19. 07. 03	0. 0000	2	7454. 266 7460. 123	583. 284 582. 115	0.000	0.000	Pass
Pu date: Am241:	0.0000 +- 0.0000	0.0000 +-	0. 0000	4	7460. 123 7501. 627	593, 353	0. 000 0. 000	0.000	Pass Pass
Am date:	00.01.01	19, 07, 03	0.0000	5	7463, 845	602. 352	0.000	0.000	Pass
Alli date.	00.01.01	19.07.00		6	7500. 843	580. 653	0.000	0.000	Pass
Predelay:	1. 50			7	7485. 756	601. 504	0.000	0.000	Pass
Gate length:	64. 00			8	7491, 681	597. 946	0.000	0.000	Pass
2nd gate length:	64. 00			9	7479. 048	569. 286	0.000	0.000	Pass
High voltage:	1720			10	7471. 371	592. 294	0.000	0.000	
Die away time:	50. 0000								
Efficiency:	0. 1620								
Multiplicity deadtime:	86. 5000								
Coefficient A deadtime:	0. 3458								
Coefficient B deadtime:	0.0000								

Coefficient C deadtime:

Doubles gate fraction:

0.0000

(1)

```
201907_AFAS-P Collar_Front.txt
                                                                                                                                                                                              201907_AFAS-P Collar_Front.txt
INCC 5.1.2
                                                                                                                                                            Triples gate fraction:
  Facility:
Material balance area:
                                      JMOX
JM2G
                                                                                                                                                           Normalization constant:
                                                                                                                                                                                                       1.0000 +-
                                                                                                                                                                                                                          0.0000
            Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                       0 000 +-
                                                                                                                                                                                                                          0 000
                                      AFAS
                                                                                                                                                           Passive singles bkgrnd:
                                                                                                                                                                                                      0.000 +-
0.000 +-
                                                                                                                                                           Passive doubles bkgrnd:
                                       JSR-12
                                                                                                                                                           Passive triples bkgrnd:
                                                                                                                                                                                                                          0.000
  Inventory change code:
I/O code:
                                                                                                                                                           Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                      0. 000
0. 000
        Measurement date:
Results file name:
                                      19. 07. 03 13:59:58
973N5958. VER
        Inspection number:
Item id:
Stratum id:
                                                                                                                                                                   Count time (sec):
                                                                                                                                                                                                           60
                                      PWR COLLAR
                                                                                                                                                         Passive error messages
Material type:
Original declared mass:
                                      0.000
                                                                                                                                                         No passive calibration curve calibration
       Measurement option:
Data source:
QC tests:
                                      Verification
                                                                                                                                                         No known alpha calibration
                                       Review disk file
                                                                                                                                                         Results
                                      0n
       Error calculation:
Accidentals method:
                                      Sample method
Measured
                                                                                                                                                                                                                        7468. 457 +-
                                                                                                                                                                                                 Singles:
                                                                                                                                                                                                                         581. 912 +-
0. 000 +-
23. 790 +-
           Inspector name:
Passive comment:
                                                                                                                                                                                                Doubles:
Triples:
                                                                                                                                                                                                                                               4. 843
0. 000
                                       .IAFA
                                      AFAS PWR COLLAR J-MOX Front
                                                                                                                                                                                               Scaler 1:
                                                                                                                                                                                                                                                0.182
                Isotopics id:
                                      Default
                                                                                                                                                                                                                            0.000 +-
  Isotopics source code:
                                      0D
                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                          Pu238:
Pu239:
                                                                                                0. 0000
0. 0000
                                                                              0.0000 +-
                                                                                                                                                         Passive cycle rate data
                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                0.0000
                                                                                                                                                         Cycle
                                                                                                                                                                          Singles
                                                                                                                                                                                               Doub I es
                                                                                                                                                                                                                    Triples
                                                                                                                                                                                                                                              Mass QC Tests
                           Pu240:
                          Pu241:
Pu242:
                                                                                                0. 0000
0. 0000
                                                                                                                                                                         7466. 982
7468. 167
                                                                                                                                                                                               611. 977
592. 076
                                                                                                                                                                                                                       0. 000
0. 000
                                                                                                                                                                                                                                             0.000 Pass
0.000 Pass
                       Pu date:
Am241:
                                      00. 01. 01
0. 0000 +-
                                                                           19. 07. 03
0. 0000 +-
                                                                                                                                                                                               562. 978
558. 790
                                                                                                                                                                                                                       0.000
0.000
                                                                                                                                                                                                                                             0.000
0.000
                                                                                                                                                                                                                                                       Pass
Pass
                                                                                                                                                                         7435, 809
                                                            0.0000
                                                                                                0.0000
                                                                                                                                                                         7465. 013
                       Am date:
                                      00.01.01
                                                                           19.07.03
                                                                                                                                                                        7476. 144
7477. 579
                                                                                                                                                                                               578. 610
                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                       Pass
                                                                                                                                                              5
6
7
                                                                                                                                                                                                                                            0. 000
0. 000
                                                                                                                                                                                                                                                        Pass
                                             1, 50
                      Prede lav
                                                                                                                                                                         7478. 046
                                                                                                                                                                                               592, 279
                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                       Pass
            Gate length:
2nd gate length:
                                           64. 00
64. 00
                                                                                                                                                                         7446. 706
7475. 093
                                                                                                                                                                                               578. 036
583. 004
                                                                                                                                                                                                                       0.000
0.000
                                                                                                                                                                                                                                             0. 000
0. 000
                                                                                                                                                                                                                                                      Pass
Pass
              High voltage:
Die away time:
Efficiency:
                                        1720
                                                                                                                                                            10
                                                                                                                                                                         7495. 035
                                                                                                                                                                                               586, 734
                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                             0.000 Pass
                                            0.1620
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
                                           86. 5000
0. 3458
                                             0.0000
```

0.0001

0.0001

(1)

Doubles gate fraction:

(1)

201908_AFAS-B Collar_Back.txt						201908_AFAS-	B Collar_Back.tx	t	
INCC 5. 1. 2				Triple	es gate fraction:	0. 0001			
Facility: Material balance area:	JMOX JM2G			Normali	zation constant:	1. 0000	+- 0.0000		
Detector type:	AFAS			Passive	singles bkgrnd:	0.000 +	- 0.000		
Detector id:	JSR_01			Passive	doubles bkgrnd:	0.000 +			
Electronics id:	JSR-12				triples bkgrnd:		- 0.000		
Inventory change code:					scaler1 bkgrnd:				
I/O code:				Passive	scaler2 bkgrnd:	0. 000			
Measurement date:	19.08.09 14:00:03					40			
Results file name:	98900003. VER				passive cycles:				
Inspection number:	DWD OOLLAD			(Count time (sec):	60			
Item id:	BWR COLLAR			D:					
Stratum id: Material type:	XXXX			Passive	error messages				
Original declared mass:	0. 000			Known al	pha analysis err	or			
Measurement option:	Verification			MIOWII al	pila alialysis cil	OI .			
Data source:	Review disk file			Results					
QC tests:	On								
Error calculation:	Sample method					Singles:	7619, 716 +-	3.69	2
Accidentals method:	Measured					Doubles:	638. 561 +-	6. 48	
Inspector name:	JAEA					Triples:	0.000 +-	0.00	0
Passive comment:	AFAS BWR COLLAR J-MOX	BACK				Scaler 1:	17. 542 +-	0.19	3
						Scaler 2:	0.000 +-	0.00	0
Isotopics id:	Default								
Isotopics source_code:	OD			Passive	cycle rate data				
Pu238:	0.0000 +- 0.0000	0.0000 +-	0. 0000						
Pu239:	0.0000 +- 0.0000	0.0000 +-	0. 0000	Cycle	Singles	Doubles	Triples		QC Tests
Pu240:	100.0000 +- 0.0000	100.0000 +-	0. 0000	1	7616. 153	656. 619	0.000	0.000	Pass
Pu241:	0.0000 +- 0.0000	0.0000 +-	0.0000	2	7612. 410	641. 862	0.000	0.000	Pass
Pu242: Pu date:	0. 0000 +- 0. 0000 00. 01. 01	0. 0000 +- 19. 08. 09	0. 0000	3 4	7622. 969 7634. 949	602. 307 618. 658	0. 000 0. 000	0.000	Pass Pass
Am241:	0.0000 + 0.0000	0.0000 +-	0.0000	5	7634. 949 7625. 342	644, 832	0.000	0. 000 0. 000	Pass
	00.01.01	19. 08. 09	0. 0000	6	7601. 951	668. 873	0.000		Pass
Alli date:	00.01.01	19.00.09		7	7602, 586	658. 288	0.000	0.000	Pass
Predelay:	1. 50			8	7631, 624	622. 408	0.000	0.000	Pass
Gate length:	64. 00			9	7631, 223	643, 360	0.000	0.000	Pass
2nd gate length:	64. 00			10	7617. 957	628. 399	0.000	0.000	
High voltage:	1720			-			-		
Die away time:	50. 0000								
Efficiency:	0. 1970								
Multiplicity deadtime:	160. 0000								
Coefficient A deadtime:	0. 6419								
Coefficient B deadtime:	0. 1030								
Coefficient C deadtime:	0. 0000								
Doubles gate fraction:	0 0001								

```
201908_AFAS-B Collar_Front.txt
                                                                                                                                                                       201908_AFAS-B Collar_Front.txt
INCC 5.1.2
                                                                                                                                         Triples gate fraction:
  Facility:
Material balance area:
                                  JMOX
JM2G
                                                                                                                                        Normalization constant:
                                                                                                                                                                               1.0000 +-
                                                                                                                                                                                               0.0000
           Detector type:
Detector id:
Electronics id:
                                                                                                                                                                               0 000 +-
                                  AFAS
                                                                                                                                        Passive singles bkgrnd:
                                                                                                                                                                                                0 000
                                                                                                                                                                               0. 000 +-
0. 000 +-
                                                                                                                                        Passive doubles bkgrnd:
                                  JSR-12
                                                                                                                                        Passive triples bkgrnd:
                                                                                                                                                                                                0.000
  Inventory change code:
I/O code:
                                                                                                                                                                               0.000
                                                                                                                                        Passive scaler2 bkgrnd:
                                                                                                                                                                               0.000
       Measurement date:
Results file name:
                                  19.08.09 13:44:58
       Inspection number:
Item id:
Stratum id:
                                                                                                                                               Count time (sec):
                                                                                                                                                                                   60
                                  BWR COLLAR
                                  XXXX
                                                                                                                                      Passive error messages
 Material type:
Original declared mass:
                                  0.000
                                                                                                                                       Known alpha analysis error
      Measurement option:
Data source:
QC tests:
                                  Verification
                                  Review disk file
                                                                                                                                       Results
                                  0n
      Error calculation:
Accidentals method:
                                  Sample method
Measured
                                                                                                                                                                                             7539. 391 +-
623. 465 +-
                                                                                                                                                                                                                  3. 963
                                                                                                                                                                         Singles:
                                                                                                                                                                                                                   3. 497
                                                                                                                                                                         Doubles:
                                                                                                                                                                                                                  0. 000
0. 146
           Inspector name:
                                  .IAFA
                                                                                                                                                                         Triples:
                                                                                                                                                                                                 0.000 +-
                                                                                                                                                                                                12. 292 +-
0. 000 +-
          Passive comment:
                                  AFAS BWR COLLAR J-MOX FRONT
                                                                                                                                                                        Scaler 2:
                                                                                                                                                                                                                  0.000
              Isotopics id:
                                  Default
  Isotopics source code:
                                                                                                                                      Passive cycle rate data
                                  0D
                                    0.0000 +-
                                                    0. 0000
0. 0000
                       Pu238:
                                                                    0.0000 +-
                                                                                    0.0000
                                  0.0000 +-
100.0000 +-
                                                                  0.0000 +-
100.0000 +-
                       Pu239
                                                                                                                                       Cycle
                                                                                                                                                     Singles
                                                                                                                                                                        Doubles
                                                    0.0000
                                                                                                                                                                        627. 635
610. 812
                       Pu240:
                                                                                    0.0000
                                                                                                                                                    7550, 744
                                                                                                                                                                                             0.000
                                                                                                                                                                                                                0.000 Pass
                       Pu241:
Pu242:
                                    0.0000 +-
0.0000 +-
                                                    0. 0000
0. 0000
                                                                    0.0000 +-
0.0000 +-
                                                                                                                                                    7529. 292
7530. 044
                                                                                                                                                                                             0. 000
0. 000
                                                                                                                                                                                                                0. 000
0. 000
                                                                                     0.0000
                                                                                                                                                                        632. 131
617. 444
617. 792
                                                                                    0.0000
                                                                                                                                                                                                                         Pass
                    Pu date:
Am241:
                                 00. 01. 01
0. 0000 +-
                                                                  19. 08. 09
0. 0000 +-
                                                                                                                                                    7530. 211
7520. 872
                                                                                                                                                                                              0.000
                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                         Pass
                                                    0.0000
                                                                                     0.0000
                                                                                                                                                                                              0.000
                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                         Pass
                    Am date:
                                 00.01.01
                                                                  19 08 09
                                                                                                                                          6
7
                                                                                                                                                    7557 226
                                                                                                                                                                        636, 380
                                                                                                                                                                                              0.000
                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                         Pass
                                                                                                                                                    7540. 168
7558. 028
                                                                                                                                                                                                                         Pass
                   Prede lav
                                       1.50
                                                                                                                                          8
                                                                                                                                                                        627, 855
                                                                                                                                                                                              0.000
                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                         Pass
          Gate length:
2nd gate length:
                                      64. 00
64. 00
                                                                                                                                                                        627. 111
635. 116
                                                                                                                                                                                             0.000
0.000
                                                                                                                                                                                                                0.000
0.000
                                                                                                                                                                                                                         Pass
Pass
                                                                                                                                                    7539 249
                                                                                                                                                    7538. 080
                                                                                                                                         10
            High voltage:
Die away time:
Efficiency:
                                   1720
                                       0.1970
 Multiplicity deadtime:
Coefficient A deadtime:
                                    160. 0000
0. 6419
 Coefficient B deadtime:
                                       0 1030
 Coefficient C deadtime:
```

	201908_AFAS-P Collar_Back.txt	20	1908_AFAS-P Co	llar_Back.txt
INCC 5. 1. 2		Triples gate fraction:	0. 0001	
Facility:	JMOX	Normalization constant:	1.0000 +-	0.0000
Material balance area:	JM2G			
Detector type:	AFAS	Passive singles bkgrnd:	0.000 +-	0.000
Detector id:	JSR_03	Passive doubles bkgrnd:	0.000 +-	0.000
Electronics id:	JSR-12	Passive triples bkgrnd:	0.000 +-	0.000
Inventory change code:		Passive scaler1 bkgrnd:	0.000	
I/O code:		Passive scaler2 bkgrnd:	0.000	
Measurement date:	19 08 09 14:27:36			

Passive scaler2 bkgrnd: 0.000 Measurement date: Results file name: 19. 08. 09 14:27:36 98902736. VER Number passive cycles: 10 Count time (sec):

Inspection number: Item id: 60 PWR COLLAR Stratum id: XXXX Passive error messages Pu 0. 000 Material type:

Doubles gate fraction:

0.0001

0.0000

0.0001

Doubles gate fraction:

(1)

Original declared mass: No passive calibration curve calibration Measurement option: Data source: Verification Review disk file No known alpha calibration QC tests: 0n Results Error calculation: Sample method

7280. 921 +-Singles: 5.021 Accidentals method: Measured Inspector name: Passive comment: JAEA AFAS PWR COLLAR J-MOX BACK Doubles: Triples: 558. 501 +-0. 000 +-4. 099 0. 000

Scaler 1: 27 020 +-0 280 Isotopics id: Default Scaler 2 Isotopics source code: OD 0.0000 +-0.0000 +-Pu238: Pu239: 0. 0000 0. 0000 0 0000 +-0.0000 Passive cycle rate data 0.0000 +-0.0000 Cycle Singles

Doubles 553.010 548.712 Pu240: Pu241: 100.0000 +-0.0000 +-0. 0000 0. 0000 100. 0000 +-0. 0000 +-0. 0000 0. 0000 Triples 0.000 Mass QC Tests 0.000 Pass 7296. 534 7272. 771 Pu242: 0.0000 +-0.0000 0.0000 +-0.0000 0.000 0.000 Pass Pu date: 00.01.01 19.08.09 0.000 Pass 0.0000 0.0000 +-0.0000 0.0000 +-563.616 0.000 Am241: 7276, 092 0.000 Pass 7264. 861 7308. 566 562. 962 584. 258 0. 000 0. 000 0. 000 0. 000 Am date: 00.01.01 19.08.09 Pass Pass Predelay: 1 50 7258 186 554.390 0.000 0.000 Pass

Gate length: 2nd gate length: 534. 778 554. 091 0.000 0.000 Pass 64.00 7269.467 0.000 0.000 Pass 1720 50. 0000 High voltage: 10 7292. 045 0.000 0.000 Die away time: Efficiency: 0.1620 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime: 0.3458 0. 0299

> (1) (2)

```
201908_AFAS-P Collar_Front.txt
                                                                                                                                                                                               201908_AFAS-P Collar_Front.txt
INCC 5.1.2
                                                                                                                                                            Triples gate fraction:
                                                                                                                                                                                                       0.0001
  Facility:
Material balance area:
                                      JMOX
JM2G
                                                                                                                                                           Normalization constant:
                                                                                                                                                                                                       1.0000 +-
                                                                                                                                                                                                                           0.0000
            Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                       0 000 +-
                                                                                                                                                                                                                           0 000
                                      AFAS
                                                                                                                                                           Passive singles bkgrnd:
                                                                                                                                                                                                       0.000 +-
0.000 +-
                                                                                                                                                            Passive doubles bkgrnd:
                                       JSR-12
                                                                                                                                                           Passive triples bkgrnd:
                                                                                                                                                                                                                           0.000
  Inventory change code:
I/O code:
                                                                                                                                                           Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                       0. 000
0. 000
        Measurement date:
Results file name:
                                      19. 08. 09 14:12:32
98901232. VER
        Inspection number:
Item id:
Stratum id:
                                                                                                                                                                    Count time (sec):
                                                                                                                                                                                                            60
                                      PWR COLLAR
                                                                                                                                                          Passive error messages
Material type:
Original declared mass:
                                      0.000
                                                                                                                                                          No passive calibration curve calibration
       Measurement option:
Data source:
QC tests:
                                      Verification
                                                                                                                                                          No known alpha calibration
                                       Review disk file
                                                                                                                                                          Results
                                      0n
       Error calculation:
Accidentals method:
                                      Sample method
Measured
                                                                                                                                                                                                                         7274. 714 +-
                                                                                                                                                                                                 Singles:
                                                                                                                                                                                                                          567. 262 +-
0. 000 +-
22. 767 +-
           Inspector name:
Passive comment:
                                                                                                                                                                                                 Doubles:
Triples:
                                                                                                                                                                                                                                                2. 948
0. 000
                                       .IAFA
                                      AFAS PWR COLLAR J-MOX FRONT
                                                                                                                                                                                                Scaler 1:
                                                                                                                                                                                                                                                0.181
                Isotopics id:
                                      Default
                                                                                                                                                                                                                             0.000 +-
  Isotopics source code:
                                      OD
                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                          Pu238:
Pu239:
                                                                                                0. 0000
0. 0000
                                                                                                                                                          Passive cycle rate data
                                                                                                0.0000
                                                                                                                                                          Cycle
                                                                                                                                                                          Singles
                                                                                                                                                                                                Doub I es
                                                                                                                                                                                                                     Triples
                                                                                                                                                                                                                                               Mass QC Tests
                           Pu240:
                          Pu241:
Pu242:
                                                                                                0. 0000
0. 0000
                                                                                                                                                                         7287. 857
7246. 255
                                                                                                                                                                                                572. 524
564. 680
                                                                                                                                                                                                                        0. 000
0. 000
                                                                                                                                                                                                                                              0.000 Pass
0.000 Pass
                       Pu date:
Am241:
                                      00. 01. 01
0. 0000 +-
                                                                           19. 08. 09
0. 0000 +-
                                                                                                                                                                         7274. 991
7267. 298
                                                                                                                                                                                                583. 550
568. 243
                                                                                                                                                                                                                                              0.000
0.000
                                                                                                                                                                                                                                                        Pass
Pass
                                                                                                                                                                                                                        0.000
                                                            0.0000
                                                                                                0.0000
                                                                                                                                                                                                                        0.000
                       Am date:
                                      00.01.01
                                                                            19.08.09
                                                                                                                                                                         7277. 060
                                                                                                                                                                                               563. 767
554. 625
571. 438
                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                        Pass
                                                                                                                                                              5
6
7
                                                                                                                                                                                                                                             0. 000
0. 000
                                                                                                                                                                         7266. 847
                                                                                                                                                                                                                                                         Pass
                                             1, 50
                     Prede lav
                                                                                                                                                                                                                        0.000
                                                                                                                                                                         7285, 988
                                                                                                                                                                                                                                                        Pass
            Gate length:
2nd gate length:
                                           64. 00
64. 00
                                                                                                                                                                         7264. 661
7271. 753
                                                                                                                                                                                                572. 837
551. 285
                                                                                                                                                                                                                        0.000
0.000
                                                                                                                                                                                                                                              0. 000
0. 000
                                                                                                                                                                                                                                                       Pass
Pass
              High voltage:
Die away time:
Efficiency:
                                        1720
                                                                                                                                                             10
                                                                                                                                                                         7304, 428
                                                                                                                                                                                                569, 670
                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                              0.000 Pass
                                             0.1620
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
                                           86. 5000
0. 3458
                                             0.0299
                                             0.0001
```

(2)

(1)

(1)

	201909_AFAS-B C	ollar_Ba	ck. txt				201909_AFAS-E	Collar_Back.tx	i.
INCC 5. 1. 2	_	_			Triple	es gate fraction:	_	_	
Facility:					Normali	zation constant:	1.0000 +	- 0.0000	
Material balance area:	JM2G JSR_01 JSR_01 JSR-12				Passive Passive Passive	e singles bkgrnd: e doubles bkgrnd: e triples bkgrnd: e scaler1 bkgrnd:	0. 000 +- 0. 000 +- 0. 000	0.000	
I/O code: Measurement date: Results file name: Inspection number:	19. 09. 09 13:3 999N3630. VER BWR COLLAR	6:30			Number	e scaler2 bkgrnd: · passive cycles: Count time (sec):	10		
Item id: Stratum id: Material type:	XXXX				Passive	error messages			
Original declared mass: Measurement option:					No known	n alpha calibrati	on		
Data source: QC tests:	0n	le			Results				
Error calculation: Accidentals method: Inspector name: Passive comment:	Sample method Measured						Singles: Doubles: Triples: Scaler 1: Scaler 2:	7437. 119 +- 615. 776 +- 0. 000 +- 17. 023 +- 0. 000 +-	5. 763 5. 012 0. 000 0. 138 0. 000
Isotopics id: Isotopics source code: Pu238:	Default CO 0.0000 +-	0. 0000	0.0000 +-	0. 0000	Passive	cycle rate data	000101 2	0.000	0. 000
Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 00.01.01 0.0000 +-	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.09.09 0.0000 +- 19.09.09	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	Cycle 1 2 3 4 5	Singles 7438. 173 7439. 109 7458. 154 7439. 810 7424. 892 7459. 257	Doubles 635. 745 610. 274 596. 583 614. 980 640. 378 622. 842	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime:	1. 50 64. 00 1720 50. 0000 0. 1970 160. 0000 0. 6419 0. 1030		19. 09. 09		7 8 9 10	7396, 274 7396, 274 7431, 106 7433, 880 7450, 536	597. 262 600. 005 610. 272 629. 420	0. 000 0. 000 0. 000 0. 000 0. 000	0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass
Coefficient C deadtime: Doubles gate fraction:	0. 0000 0. 0001								

```
INCC 5.1.2
                                                                                                                                                                                     Triples gate fraction:
  Facility:
Material balance area:
                                             JMOX
JM2G
                                                                                                                                                                                    Normalization constant:
                                                                                                                                                                                                                                       1.0000 +-
                                                                                                                                                                                                                                                             0.0000
               Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                       0 000 +-
                                                                                                                                                                                                                                                              0 000
                                             JSR 01
                                                                                                                                                                                    Passive singles bkgrnd:
                                                                                                                                                                                                                                       0. 000 +-
0. 000 +-
                                                                                                                                                                                    Passive doubles bkgrnd:
                                                                                                                                                                                                                                                              0.000
                                             JSR-12
                                                                                                                                                                                    Passive triples bkgrnd:
  Inventory change code:
I/O code:
                                                                                                                                                                                    Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                       0. 000
0. 000
          Measurement date:
Results file name:
                                             19. 09. 09 13:20:25
999N2025. VER
          Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                              Count time (sec):
                                                                                                                                                                                                                                            60
                                             BWR COLLAR
                                                                                                                                                                                  Passive error messages
Material type:
Original declared mass:
                                             0.000
                                                                                                                                                                                  No known alpha calibration
       Measurement option:
Data source:
QC tests:
Error calculation:
Accidentals method:
                                             Verification
Review disk file
                                                                                                                                                                                  Results
                                             0n
                                             Sample method
Measured
                                                                                                                                                                                                                              Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                           7382. 406 +-
614. 545 +-
0. 000 +-
12. 408 +-
0. 000 +-
                                                                                                                                                                                                                                                                                      4. 216
5. 791
0. 000
0. 153
0. 000
             Inspector name:
Passive comment:
                  Isotopics id:
                                             Default
  Isotopics source code:
                                                                                                                                                                                  Passive cycle rate data
                                             CO
                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                     0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                               Pu238:
Pu239:
                                                                                                                0. 0000
0. 0000
                                                                                                                                                                                                                                                                                   Mass QC Te
0.000 Pass
0.000 Pass
0.000 Pass
                                                                                                                                                                                  Cycle
                                                                                                                                                                                                      Singles
                                                                                                                                                                                                                               Doubles
                                                                                                                                                                                                                                                                                               QC Tests
                                                                                                                0.0000
                                                                                                                                                                                                    7383. 593
7374. 121
7368. 675
                                                                                                                                                                                                                              622. 309
587. 257
615. 622
                                                                                                                                                                                                                                                           0.000
0.000
0.000
                               Pu240:
                               Pu241:
Pu242:
                                                                                                                0. 0000
0. 0000
                           Pu date:
Am241:
                                            00. 01. 01
0. 0000 +-
                                                                                        19. 09. 09
0. 0000 +-
                                                                                                                                                                                                    7392. 080
7370. 746
                                                                                                                                                                                                                              628. 475
614. 115
                                                                                                                                                                                                                                                                                   0.000
0.000
                                                                                                                                                                                                                                                                                               Pass
Pass
                                                                                                                                                                                                                                                           0.000
                                                                      0.0000
                                                                                                                0.0000
                                                                                                                                                                                                                                                           0.000
                           Am date:
                                             00.01.01
                                                                                        19.09.09
                                                                                                                                                                                       6
7
                                                                                                                                                                                                    7407. 617
                                                                                                                                                                                                                              599. 259
633. 969
                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                                               Pass
                                                                                                                                                                                                    7395. 455
7369. 460
                                                                                                                                                                                                                                                                                   0.000
0.000
                                                                                                                                                                                                                                                                                               Pass
                                                    1, 50
                         Prede lav
                                                                                                                                                                                       8
                                                                                                                                                                                                                              589. 365
                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                                               Pass
             Gate length:
2nd gate length:
                                                  64. 00
64. 00
                                                                                                                                                                                                    7389. 374
7372. 935
                                                                                                                                                                                                                              642. 289
612. 793
                                                                                                                                                                                                                                                           0.000
0.000
                                                                                                                                                                                                                                                                                   0.000
0.000
                                                                                                                                                                                                                                                                                               Pass
Pass
                                                                                                                                                                                      10
                High voltage:
Die away time:
Efficiency:
                                               1720
                                                    0.1970
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
                                                160. 0000
0. 6419
                                                    0.1030
                                                    0.0001
                                                                   (1)
                                                                                                                                                                                                                                                      (2)
```

	201909_AFAS-P	Collar_Ba	ck. txt				201909_AFAS-F	Collar_Back.tx	t
INCC 5.1.2					Triple	es gate fraction	: 0. 0001		
Facility: Material balance area:	JMOX JM2G				Normal	ization constant	1.0000 +	- 0.0000	
Detector type: Detector id: Electronics id: Inventory change code: 1/0 code:	JSR_03 JSR_03 JSR-12				Passive Passive Passive	e singles bkgrnd e doubles bkgrnd e triples bkgrnd e scaler1 bkgrnd	0.000 +- 0.000 +- 0.000	0.000	
Measurement date: Results file name: Inspection number:	19. 09. 09 14: 99900940. VER	09:40			Numbe	e scaler2 bkgrnd r passive cycles Count time (sec)	: 10		
Item id: Stratum id: Material type:					Passive	error messages			
Original declared mass: Measurement option: Data source:	0.000 Verification Review disk f	ile			No know Results	n alpha calibrat	ion		
QC tests: Error calculation: Accidentals method: Inspector name: Passive comment:							Singles: Doubles: Triples: Scaler 1: Scaler 2:	7135. 388 +- 561. 320 +- 0. 000 +- 26. 897 +- 0. 000 +-	1.805 3.657 0.000 0.189 0.000
Isotopics id: Isotopics source code: Pu238:		0. 0000	0.0000 +-	0. 0000	Passive	cycle rate data		0.000 +-	0.000
Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 0.0000 +- 00.01.01 0.0000 +- 00.01.01	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.09.09 0.0000 +- 19.09.09	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	Cycle 1 2 3 4 5	Singles 7126.089 7134.783 7141.992 7136.051 7138.854 7131.045	Doubles 570. 721 561. 300 545. 679 556. 722 551. 911 586. 829	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1620 86. 5000				7 8 9 10	7135. 917 7140. 757 7141. 257 7127. 140	552. 094 566. 029 559. 847 562. 067	0. 000 0. 000 0. 000 0. 000 0. 000	0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass
Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime:	0. 3458 0. 0299 0. 0000								

0.0001

(1)

```
201909_AFAS-P Collar_Front.txt
                                                                                                                                                                                                                        201909_AFAS-P Collar_Front.txt
INCC 5.1.2
                                                                                                                                                                                 Triples gate fraction:
                                                                                                                                                                                                                                 0.0001
  Facility:
Material balance area:
                                            JMOX
JM2G
                                                                                                                                                                                Normalization constant:
                                                                                                                                                                                                                                 1.0000 +-
                                                                                                                                                                                                                                                       0.0000
              Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                 0 000 +-
                                                                                                                                                                                                                                                       0 000
                                            JSR 03
                                                                                                                                                                                Passive singles bkgrnd:
                                                                                                                                                                                                                                 0. 000 +-
0. 000 +-
                                                                                                                                                                                Passive doubles bkgrnd:
                                                                                                                                                                                                                                                       0.000
                                            JSR-12
                                                                                                                                                                                Passive triples bkgrnd:
  Inventory change code:
I/O code:
                                                                                                                                                                                Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                 0. 000
0. 000
          Measurement date:
Results file name:
                                            19. 09. 09 13:51:35
999N5135. VER
          Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                         Count time (sec):
                                                                                                                                                                                                                                       60
                                            PWR COLLAR
                                                                                                                                                                              Passive error messages
Material type:
Original declared mass:
                                            0.000
                                                                                                                                                                              No known alpha calibration
       Measurement option:
Data source:
QC tests:
Error calculation:
Accidentals method:
                                            Verification
Review disk file
                                                                                                                                                                              Results
                                            0n
                                            Sample method
Measured
                                                                                                                                                                                                                        Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                               3. 229
4. 333
0. 000
0. 220
0. 000
                                                                                                                                                                                                                                                    7117. 810 +-
556. 789 +-
0. 000 +-
             Inspector name:
Passive comment:
                                                                                                                                                                                                                                                        22. 355 +-
0. 000 +-
                  Isotopics id:
                                            Default
  Isotopics source code:
                                                                                                                                                                              Passive cycle rate data
                                            CO
                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                   0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                             0. 0000
0. 0000
                              Pu238:
Pu239:
                                                                                                                                                                                                                                                                            Mass QC Te
0.000 Pass
0.000 Pass
0.000 Pass
                                                                                                                                                                              Cycle
                                                                                                                                                                                                 Singles
                                                                                                                                                                                                                         Doubles
                                                                                                                                                                                                                                                                                        QC Tests
                                                                                                                                                                                                                         565. 341
565. 189
545. 541
                                                                                                                                                                                                                                                    0.000
0.000
0.000
                                                                                                             0.0000
                                                                                                                                                                                               7121. 650
7115. 559
7116. 310
                              Pu240:
                              Pu241:
Pu242:
                                                                                                             0. 0000
0. 0000
                          Pu date:
Am241:
                                           00. 01. 01
0. 0000 +-
                                                                                      19. 09. 09
0. 0000 +-
                                                                                                                                                                                               7136. 552
7125. 338
                                                                                                                                                                                                                         570. 941
560. 513
                                                                                                                                                                                                                                                                             0.000
0.000
                                                                                                                                                                                                                                                                                        Pass
Pass
                                                                                                                                                                                                                                                     0.000
                                                                    0.0000
                                                                                                             0.0000
                                                                                                                                                                                                                                                     0.000
                           Am date:
                                            00.01.01
                                                                                      19.09.09
                                                                                                                                                                                   6
7
                                                                                                                                                                                               7104. 212
7112. 105
                                                                                                                                                                                                                        539. 657
569. 900
562. 117
                                                                                                                                                                                                                                                     0.000
                                                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                                                        Pass
                                                                                                                                                                                                                                                                            0.000
0.000
                                                                                                                                                                                                                                                                                        Pass
                                                   1, 50
                        Prede lav
                                                                                                                                                                                                7128, 258
                                                                                                                                                                                                                                                     0.000
                                                                                                                                                                                                                                                                                        Pass
                                                                                                                                                                                   8
             Gate length:
2nd gate length:
                                                 64. 00
64. 00
                                                                                                                                                                                               7112. 839
7105. 280
                                                                                                                                                                                                                         558. 522
530. 168
                                                                                                                                                                                                                                                    0.000
0.000
                                                                                                                                                                                                                                                                            0.000
0.000
                                                                                                                                                                                                                                                                                        Pass
Pass
                High voltage:
Die away time:
Efficiency:
                                              1720
                                                  0.1620
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
                                                 86. 5000
0. 3458
                                                   0.0299
                                                   0.0001
                                                                 (1)
                                                                                                                                                                                                                                                (2)
```

	201910_AFAS-B Collar_Back	a. txt				201910_AFAS-B	Collar_Back.txt	t
INCC 5. 1. 2				Tripl	es gate fraction:	0. 0001		
Facility: Material balance area:	JMOX JM2G			Normal	ization constant:	1.0000 +	- 0.0000	
Detector type: Detector id: Beteronics id: Inventory change code: I/O code: Measurement date: Results file name:	AFAS JSR_01 JSR-12 19.10.07 13:52:47 9A7N5247. VER			Passiv Passiv Passiv Passiv	e singles bkgrnd: e doubles bkgrnd: e triples bkgrnd: e scaler1 bkgrnd: e scaler2 bkgrnd: r passive cycles:	0. 000 +- 0. 000 +- 0. 000 0. 000	0.000 0.000 0.000	
Inspection number: Item id: Stratum id:					Count time (sec): error messages	60		
Material type: Original declared mass: Measurement option: Data source:	0.000 Verification			Known a Results	lpha analysis err	or		
QC tests: Error calculation: Accidentals method: Inspector name: Passive comment:				Results		Singles: Doubles: Triples: Scaler 1: Scaler 2:	7286. 118 +- 606. 768 +- 0. 000 +- 16. 518 +- 0. 000 +-	3. 945 2. 867 0. 000 0. 196 0. 000
Isotopics id: Isotopics source code: Pu238:	Default OD 0.0000 +- 0.0000	0.0000 +-	0. 0000	Passive	cycle rate data	500101 2	0.000	0.000
Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date: Predelay: Gate length: 2nd gate length:	0.0000 +- 0.0000	100. 0000 +- 0. 0000 +- 0. 0000 +- 19. 10. 07	0. 0000 0. 0000 0. 0000 0. 0000	Cycle 1 2 3 4 5 6 7 8 9 10	Singles 7275, 439 7293, 181 7283, 475 7295, 920 7261, 507 7294, 701 7303, 705 7275, 924 7292, 412 7284, 911	Doubles 598. 187 618. 304 603. 833 602. 649 615. 479 599. 936 597. 143 598. 472 613. 616 620. 059	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
And gate length. High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime:	1720 50. 0000 0. 1970 160. 0000 0. 6419 0. 1030 0. 0000			10	7204. 911	020.039	0.000	U. 000 F855

0.0001

(1)

```
201910_AFAS-B Collar_Front.txt
                                                                                                                                                                                                             201910_AFAS-B Collar_Front.txt
INCC 5.1.2
                                                                                                                                                                        Triples gate fraction:
  Facility:
Material balance area:
                                         JMOX
JM2G
                                                                                                                                                                       Normalization constant:
                                                                                                                                                                                                                       1.0000 +-
                                                                                                                                                                                                                                           0.0000
             Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                       0 000 +-
                                                                                                                                                                                                                                            0 000
                                         AFAS
                                                                                                                                                                       Passive singles bkgrnd:
                                                                                                                                                                                                                      0.000 +-
0.000 +-
                                                                                                                                                                        Passive doubles bkgrnd:
                                          JSR-12
                                                                                                                                                                       Passive triples bkgrnd:
                                                                                                                                                                                                                                            0.000
  Inventory change code:
I/O code:
                                                                                                                                                                       Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                      0. 000
0. 000
         Measurement date:
Results file name:
                                         19. 10. 07 13:36:43
9A7N3643. VER
         Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                Count time (sec):
                                                                                                                                                                                                                           60
                                         BWR COLLAR
                                                                                                                                                                     Passive error messages
Material type:
Original declared mass:
                                         0.000
                                                                                                                                                                     Known alpha analysis error
       Measurement option:
Data source:
QC tests:
                                         Verification
                                          Review disk file
                                                                                                                                                                     Results
                                         0n
       Error calculation:
Accidentals method:
                                         Sample method
Measured
                                                                                                                                                                                                                                         7224. 379 +-
593. 605 +-
0. 000 +-
11. 738 +-
0. 000 +-
                                                                                                                                                                                                                                                                  3. 784
3. 246
0. 000
0. 122
0. 000
                                                                                                                                                                                                                Singles:
Doubles:
                                                                                                                                                                                                              Triples:
Scaler 1:
Scaler 2:
            Inspector name:
Passive comment:
                                          .IAFA
                 Isotopics id:
                                         Default
  Isotopics source code:
                                                                                                                                                                     Passive cycle rate data
                                         OD
                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                            Pu238:
Pu239:
                                                                                                        0. 0000
0. 0000
                                                                                                                                                                     Cycle
                                                                                                                                                                                        Singles
                                                                                                                                                                                                               Doubles
                                                                                                                                                                                                                                                                           QC Tests
                                                                                                        0.0000
                                                                                                                                                                                      7230. 050
7215. 584
7220. 127
                                                                                                                                                                                                              589. 295
590. 813
598. 300
                                                                                                                                                                                                                                         0.000
0.000
0.000
                                                                                                                                                                                                                                                                0.000 Pass
                             Pu240:
                            Pu241:
Pu242:
                                                                                                        0. 0000
0. 0000
                                                                                                                                                                                                                                                                0. 000
0. 000
                                                                                                                                                                                                                                                                          Pass
Pass
                         Pu date:
Am241:
                                         00. 01. 01
0. 0000 +-
                                                                                  19. 10. 07
0. 0000 +-
                                                                                                                                                                                                              610. 129
582. 443
                                                                                                                                                                                                                                                                0.000
0.000
                                                                                                                                                                                                                                                                           Pass
Pass
                                                                                                                                                                                      7198.076
                                                                                                                                                                                                                                         0.000
                                                                 0.0000
                                                                                                        0.0000
                                                                                                                                                                                      7219. 259
                                                                                                                                                                                                                                         0.000
                         Am date:
                                         00.01.01
                                                                                  19, 10, 07
                                                                                                                                                                          6
7
                                                                                                                                                                                      7237, 301
                                                                                                                                                                                                              606. 210
587. 068
581. 674
                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                           Pass
                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                           Pass
                                                1, 50
                        Prede lav
                                                                                                                                                                                      7223, 920
                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                          8
                                                                                                                                                                                                                                                                           Pass
            Gate length:
2nd gate length:
                                               64. 00
64. 00
                                                                                                                                                                                      7233. 709
7237. 601
                                                                                                                                                                                                              586. 283
603. 832
                                                                                                                                                                                                                                         0.000
0.000
                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                           Pass
Pass
                                                                                                                                                                         10
               High voltage:
Die away time:
Efficiency:
                                            1720
                                                0.1970
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
                                             160. 0000
0. 6419
                                                0.1030
                                                0.0001
```

(2)

(1)

1720 50. 0000

0.3458 0. 0299 0.0000

0.0001

(1)

High voltage:
Die away time:
Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:

	201910_AFAS-P Collar_Bac	k. txt				201910_AFAS-F	Collar_Back.tx	t
INCC 5. 1. 2				Triple	es gate fraction:	0. 0001		
Facility: Material balance area:	JMOX JM2G			Normali	zation constant:	1. 0000	- 0.0000	
Detector type: Detector id: Electronics id: Inventory change code:	AFAS JSR_03 JSR-12			Passive Passive	e singles bkgrnd: e doubles bkgrnd: e triples bkgrnd: e scaler1 bkgrnd:	0. 000 +- 0. 000 +-	0.000	
I/O code:	19. 10. 07 14:22:37				scaler2 bkgrnd:			
Results file name: Inspection number: Item id:	9A702237. VER PWR COLLAR				passive cycles: Count time (sec):			
Stratum id: Material type:	XXXX				error messages			
Original declared mass: Measurement option: Data source:	0.000 Verification Review disk file				ve calibration o n alpha calibrati		on	
QC tests: Error calculation:	On Sample method			Results				
Accidentals method: Inspector name: Passive comment:	Measured JAEA Back					Singles: Doubles: Triples: Scaler 1:	6983. 992 +- 546. 923 +- 0. 000 +- 26. 190 +-	5. 240 3. 364 0. 000 0. 283
Isotopics id: Isotopics source code:	Default OD					Scaler 2:	0.000 +-	0. 000
Pu238: Pu239:	0. 0000 +- 0. 0000 0. 0000 +- 0. 0000	0. 0000 +- 0. 0000 +-	0. 0000 0. 0000	Passive	cycle rate data			
Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$\begin{array}{llllllllllllllllllllllllllllllllllll$	100.0000 +- 0.0000 +- 0.0000 +- 19.10.07 0.0000 +- 19.10.07	0. 0000 0. 0000 0. 0000 0. 0000	Cycle 1 2 3 4 5	Singles 6994, 995 7001, 987 6984, 583 6983, 031 6971, 467 6988, 988	Doubles 563. 729 544. 684 545. 516 548. 239 552. 480 527. 473	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time:	1. 50 64. 00 64. 00 1720 50. 0000			7 8 9 10	6949. 657 6972. 435 6985. 818 7006. 960	534. 466 555. 287 542. 075 555. 277	0. 000 0. 000 0. 000 0. 000	0. 000 Pass 0. 000 Pass 0. 000 Pass 0. 000 Pass

```
201910_AFAS-P Collar_Front.txt
                                                                                                                                                                                                    201910_AFAS-P Collar_Front.txt
INCC 5.1.2
                                                                                                                                                                 Triples gate fraction:
  Facility:
Material balance area:
                                       JMOX
JM2G
                                                                                                                                                               Normalization constant:
                                                                                                                                                                                                             1.0000 +-
                                                                                                                                                                                                                                0.0000
             Detector type:
Detector id:
Electronics id:
                                                                                                                                                               Passive singles bkgrnd:
                                                                                                                                                                                                             0 000 +-
                                                                                                                                                                                                                                 0 000
                                       AFAS
                                                                                                                                                                                                            0.000 +-
0.000 +-
                                                                                                                                                                Passive doubles bkgrnd:
                                                                                                                                                                                                                                 0.000
                                        JSR-12
                                                                                                                                                               Passive triples bkgrnd:
  Inventory change code:
I/O code:
                                                                                                                                                               Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                            0. 000
0. 000
         Measurement date:
Results file name:
                                       19. 10. 07 14:06:32
9A700632. VER
         Inspection number:
Item id:
Stratum id:
                                                                                                                                                                        Count time (sec):
                                                                                                                                                                                                                 60
                                       PWR COLLAR
                                                                                                                                                              Passive error messages
Material type:
Original declared mass:
                                       0.000
                                                                                                                                                              No passive calibration curve calibration
       Measurement option:
Data source:
QC tests:
                                       Verification
Review disk file
                                                                                                                                                              No known alpha calibration
                                       0n
                                                                                                                                                              Results
       Error calculation:
Accidentals method:
                                       Sample method
Measured
                                                                                                                                                                                                      Singles:
                                                                                                                                                                                                                              6970.144 +-
                                                                                                                                                                                                                               539. 536 +-
0. 000 +-
21. 940 +-
            Inspector name:
Passive comment:
                                                                                                                                                                                                      Doubles:
Triples:
                                                                                                                                                                                                                                                       4. 450
0. 000
                                        .IAFA
                                                                                                                                                                                                     Scaler 1:
                                                                                                                                                                                                                                                       0.200
                Isotopics id:
                                       Default
                                                                                                                                                                                                                                   0.000 +-
  Isotopics source code:
                                       OD
                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                             0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                           Pu238:
Pu239:
                                                                                                   0. 0000
0. 0000
                                                                                                                                                              Passive cycle rate data
                                                                                                   0.0000
                                                                                                                                                              Cycle
                                                                                                                                                                               Singles
                                                                                                                                                                                                     Doub I es
                                                                                                                                                                                                                           Triples
                                                                                                                                                                                                                                                      Mass QC Tests
                           Pu240:
                           Pu241:
Pu242:
                                                                                                   0. 0000
0. 0000
                                                                                                                                                                              6966. 594
6965. 243
                                                                                                                                                                                                     523. 643
564. 024
                                                                                                                                                                                                                              0. 000
0. 000
                                                                                                                                                                                                                                                    0.000 Pass
0.000 Pass
                        Pu date:
Am241:
                                       00. 01. 01
0. 0000 +-
                                                                             19. 10. 07
0. 0000 +-
                                                                                                                                                                                                     546. 967
549. 176
                                                                                                                                                                                                                              0.000
0.000
                                                                                                                                                                                                                                                    0.000
0.000
                                                                                                                                                                                                                                                              Pass
Pass
                                                                                                                                                                              6973. 736
                                                              0.0000
                                                                                                   0.0000
                        Am date:
                                       00.01.01
                                                                              19. 10. 07
                                                                                                                                                                              6965, 443
                                                                                                                                                                                                     525. 030
520. 036
536. 188
                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                              Pass
                                                                                                                                                                  5
6
7
                                                                                                                                                                             6974. 320
6956. 048
                                                                                                                                                                                                                                                    0.000
0.000
                                                                                                                                                                                                                                                               Pass
                                              1, 50
                      Prede lav
                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                              Pass
            Gate length:
2nd gate length:
                                            64. 00
64. 00
                                                                                                                                                                              6967. 813
6964. 158
                                                                                                                                                                                                     538. 964
552. 897
                                                                                                                                                                                                                              0.000
0.000
                                                                                                                                                                                                                                                    0. 000
0. 000
                                                                                                                                                                                                                                                              Pass
Pass
              High voltage:
Die away time:
Efficiency:
                                          1720
                                                                                                                                                                 10
                                                                                                                                                                              6978, 809
                                                                                                                                                                                                     538, 431
                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                    0.000 Pass
                                              0.1620
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
                                            86. 5000
0. 3458
                                              0.0299
                                              0.0001
```

201911_AFAS-B Collar_Back.txt	201911_AFAS-B Collar_Back.txt

(2)

(1)

(1)

	201911_AFAS-B Collar_B	ack. txt				201911_AFAS-B	Collar_Back.tx	t	
INCC 5. 1. 2				Triple	es gate fraction	0. 0001			
Facility: Material balance area:	JMOX JM2G			Normali	zation constant:	1.0000 +	- 0.0000		
Detector type: Detector id: Electronics id: Inventory change code: I/O code:	AFAS JSR_01 JSR-12			Passive Passive Passive	e singles bkgrnd e doubles bkgrnd e triples bkgrnd e scaler1 bkgrnd e scaler2 bkgrnd	0.000 +- 0.000 +- 0.000	0.000		
Measurement date: Results file name: Inspection number: Item id:	19.11.05 13:42:50 9B5N4250.VER BWR COLLAR				passive cycles Count time (sec)				
Stratum id: Material type:	XXXX Pu			Passive	error messages				
Original declared mass: Measurement option: Data source:	0.000 Verification Review disk file			Known al Results	pha analysis erm	ror			
QC tests: Error calculation: Accidentals method: Inspector name: Passive comment:	On Sample method Measured JAEA Back					Singles: Doubles: Triples: Scaler 1: Scaler 2:	7134. 676 +- 595. 037 +- 0. 000 +- 16. 450 +- 0. 000 +-	3. 54 3. 77 0. 00 0. 16 0. 00	74 00 65
Isotopics id: Isotopics source code: Pu238:	Default OD 0.0000 +- 0.0000	0.0000 +-	0. 0000	Passive	cycle rate data				
Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	0.0000 + 0.0000 100.0000 + 0.0000 0.0000 + 0.0000 0.0000 + 0.0000 0.001.01 0.0000 + 0.0000 0.01.01 0.0000 + 0.0000	0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.11.05 0.0000 +- 19.11.05	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	Cycle 1 2 3 4 5 6 7	Singles 7133. 328 7154. 276 7117. 642 7143. 284 7121. 367 7130. 922	Doubles 593. 796 602. 645 589. 336 602. 640 601. 376 584. 302	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000 0.000 0.000	Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1970 160. 0000 0. 6419 0. 1030 0. 0000 0. 0001			7 8 9 10	7142. 799 7133. 962 7142. 398 7126. 779	609. 153 585. 827 608. 734 572. 563	0. 000 0. 000 0. 000 0. 000	0. 000 0. 000 0. 000 0. 000	Pass Pass

```
201911_AFAS-B Collar_Front.txt
                                                                                                                                                                                                                        201911_AFAS-B Collar_Front.txt
INCC 5.1.2
                                                                                                                                                                                 Triples gate fraction:
  Facility:
Material balance area:
                                            JMOX
JM2G
                                                                                                                                                                                Normalization constant:
                                                                                                                                                                                                                                  1.0000 +-
                                                                                                                                                                                                                                                       0.0000
              Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                Passive singles bkgrnd:
                                                                                                                                                                                                                                  0 000 +-
                                                                                                                                                                                                                                                        0 000
                                            AFAS
                                                                                                                                                                                                                                 0.000 +-
0.000 +-
                                                                                                                                                                                Passive doubles bkgrnd:
                                                                                                                                                                                                                                                        0.000
                                            JSR-12
                                                                                                                                                                                Passive triples bkgrnd:
  Inventory change code:
I/O code:
                                                                                                                                                                                Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                 0. 000
0. 000
          Measurement date:
Results file name:
                                            19. 11. 05 13:26:46
9B5N2646. VER
          Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                         Count time (sec):
                                                                                                                                                                                                                                       60
                                            BWR COLLAR
                                                                                                                                                                              Passive error messages
Material type:
Original declared mass:
                                            0.000
                                                                                                                                                                              Known alpha analysis error
       Measurement option:
Data source:
QC tests:
Error calculation:
Accidentals method:
                                            Verification
Review disk file
                                                                                                                                                                              Results
                                            0n
                                            Sample method
Measured
                                                                                                                                                                                                                         Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                4. 377
3. 776
0. 000
0. 131
0. 000
                                                                                                                                                                                                                                                    7087. 002 +-
587. 274 +-
0. 000 +-
             Inspector name:
Passive comment:
                                            .IAFA
                                                                                                                                                                                                                                                        11. 633 +-
                  Isotopics id:
                                            Default
  Isotopics source code:
                                                                                                                                                                              Passive cycle rate data
                                            OD
                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                   0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                             0. 0000
0. 0000
                              Pu238:
Pu239:
                                                                                                                                                                                                                                                                            Mass QC Te
0.000 Pass
0.000 Pass
0.000 Pass
                                                                                                                                                                              Cycle
                                                                                                                                                                                                 Singles
                                                                                                                                                                                                                         Doubles
                                                                                                                                                                                                                                                                                        QC Tests
                                                                                                                                                                                                                         568. 749
593. 768
594. 045
                                                                                                                                                                                                                                                    0.000
0.000
0.000
                                                                                                             0.0000
                              Pu240:
                                                                                                                                                                                                7088.993
                              Pu241:
Pu242:
                                                                                                             0. 0000
0. 0000
                                                                                                                                                                                               7103. 125
7082. 929
                          Pu date:
Am241:
                                           00. 01. 01
0. 0000 +-
                                                                                     19. 11. 05
0. 0000 +-
                                                                                                                                                                                               7082. 762
7079. 872
                                                                                                                                                                                                                         597. 879
601. 913
                                                                                                                                                                                                                                                                             0.000
0.000
                                                                                                                                                                                                                                                                                        Pass
Pass
                                                                                                                                                                                                                                                     0.000
                                                                    0.0000
                                                                                                             0.0000
                                                                                                                                                                                                                                                     0.000
                           Am date:
                                            00.01.01
                                                                                      19.11.05
                                                                                                                                                                                   6
7
                                                                                                                                                                                               7069. 349
7108. 120
7094. 038
                                                                                                                                                                                                                         582. 989
598. 960
587. 084
                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                                                        Pass
                                                                                                                                                                                                                                                                            0.000
0.000
                                                                                                                                                                                                                                                                                        Pass
                                                   1, 50
                        Prede lav
                                                                                                                                                                                   8
                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                        Pass
             Gate length:
2nd gate length:
                                                 64. 00
64. 00
                                                                                                                                                                                               7095. 926
7064. 905
                                                                                                                                                                                                                         573. 305
574. 047
                                                                                                                                                                                                                                                    0.000
0.000
                                                                                                                                                                                                                                                                            0.000
0.000
                                                                                                                                                                                                                                                                                        Pass
Pass
                                                                                                                                                                                  10
                High voltage:
Die away time:
Efficiency:
                                              1720
                                                  0.1970
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
                                               160. 0000
0. 6419
```

201911_AFAS-P Collar_Back.txt	201911_AFAS-P Collar_Back.txt

0.1030 0.0001

(1)

(1)

	ZOTOTI_NUNO T GOTTUT_BUSIN. EXC		ZOTOTI_NETIO T COTTAT_DUON: EXE
INCC 5.1.2		Triples gate fraction:	0. 0001
Facility: Material balance area:		Normalization constant:	1. 0000 +- 0. 0000
		Danaina ainalas blonnai	0.000 +- 0.000
Detector type:	AFAS	Passive singles bkgrnd:	
Detector id:		Passive doubles bkgrnd:	0.000 +- 0.000
Electronics id:	JSR-12	Passive triples bkgrnd:	0.000 +- 0.000
Inventory change code:		Passive scaler1 bkgrnd:	0.000
I/O code:		Passive scaler2 bkgrnd:	0. 000
Measurement date:	19. 11. 05 14:19:54		
Results file name:	9B501954. VER	Number passive cycles:	
Inspection number:		Count time (sec):	60
Item id:			
Stratum id:	XXXX	Passive error messages	
Material type:	Pu		
Original declared mass:	0. 000	No passive calibration c	urve calibration
Measurement option:	Verification	No known alpha calibrati	on
Data source:	Review disk file		
QC tests:	0n	Results	
Error calculation:	Sample method		
Accidentals method:	Measured		Singles: 6852.732 +- 3.806
Inspector name:	JAEA		Doubles: 539. 250 +- 2. 566
Passive comment:			Triples: 0.000 +- 0.000
			Scaler 1: 25.647 +- 0.142
Isotopics id:	Default		Scaler 2: 0.000 +- 0.000
Isotopics source code:			0.000
Pu238:	0.0000 + 0.0000 0.0000 + 0.0000	Passive cycle rate data	
Pu239:	0.0000 + 0.0000 0.0000 + 0.0000	Tubblivo byblo rato data	
Pu240:	100, 0000 + 0, 0000 100, 0000 + 0, 0000	Cycle Singles	Doubles Triples Mass QC Tests
Pu241:	0.0000 + 0.0000 0.0000 + 0.0000	1 6835, 238	542. 147 0. 000 0. 000 Pass
Pu242:	0.0000 + 0.0000 0.0000 + 0.0000	2 6846, 635	542. 216 0. 000 0. 000 Pass
Pu date:		3 6870, 613	544. 810 0. 000 0. 000 Pass
Am241:	0.0000 +- 0.0000	4 6854, 160	539, 377 0, 000 0, 000 Pass
	00.01.01	5 6872. 298	539. 377 0. 000 0. 000 Pass 537. 710 0. 000 0. 000 Pass
Am date.	00.01.01 19.11.05	6 6845, 016	
Post de Louis	1 50		
Predelay:	1. 50	, 0017.102	529. 035 0. 000 0. 000 Pass
Gate length:	64. 00	8 6862. 320	524. 510 0. 000 0. 000 Pass
2nd gate length:	64. 00	9 6848. 537	553. 442 0. 000 0. 000 Pass
High voltage:	1720	10 6845. 049	536. 552 0. 000 0. 000 Pass
Die away time:	50. 0000		
Efficiency:	0. 1620		
Multiplicity deadtime:	86. 5000		
Coefficient A deadtime:	0. 3458		
Coefficient B deadtime:	0. 0299		
Coefficient C deadtime:	0. 0000		
Doubles gate fraction:	0. 0001		

(2)

```
INCC 5.1.2
                                                                                                                                                           Triples gate fraction:
  Facility:
Material balance area:
                                      JMOX
JM2G
                                                                                                                                                          Normalization constant:
                                                                                                                                                                                                      1.0000 +-
                                                                                                                                                                                                                         0.0000
            Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                      0 000 +-
                                                                                                                                                                                                                         0 000
                                      AFAS
                                                                                                                                                          Passive singles bkgrnd:
                                                                                                                                                                                                      0.000 +-
0.000 +-
                                                                                                                                                           Passive doubles bkgrnd:
                                       JSR-12
                                                                                                                                                          Passive triples bkgrnd:
                                                                                                                                                                                                                         0.000
  Inventory change code:
I/O code:
                                                                                                                                                          Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                      0.000
                                                                                                                                                                                                      0.000
        Measurement date:
Results file name:
                                      19. 11. 05 14:01:49
9B500149. VER
        Inspection number:
Item id:
Stratum id:
                                                                                                                                                                   Count time (sec):
                                                                                                                                                                                                           60
                                      PWR COLLAR
                                                                                                                                                         Passive error messages
Material type:
Original declared mass:
                                      0.000
                                                                                                                                                         No passive calibration curve calibration
       Measurement option:
Data source:
QC tests:
                                      Verification
                                                                                                                                                         No known alpha calibration
                                       Review disk file
                                                                                                                                                         Results
                                      0n
       Error calculation:
Accidentals method:
                                      Sample method
Measured
                                                                                                                                                                                                                       6835.890 +-
                                                                                                                                                                                                Singles:
                                                                                                                                                                                                                        537. 123 +-
0. 000 +-
22. 047 +-
           Inspector name:
Passive comment:
                                                                                                                                                                                                Doubles:
Triples:
                                                                                                                                                                                                                                              2. 907
0. 000
                                       .IAFA
                                                                                                                                                                                               Scaler 1:
                                                                                                                                                                                                                                               0.197
                Isotopics id:
                                      Default
                                                                                                                                                                                                                           0.000 +-
  Isotopics source code:
                                       OD
                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                          Pu238 :
Pu239 :
                                                                                                0. 0000
0. 0000
                                                                              0.0000 +-
                                                                                                                                                         Passive cycle rate data
                                                                           0.0000 +-
100.0000 +-
                                                                                                                                                                         Singles
                                                                                                                                                                                                                                                      QC Tests
                          Pu240:
                                                                                                0.0000
                                                                                                                                                         Cycle
                                                                                                                                                                                              Doubles 1
                                                                                                                                                                                                                    Triples
                                                                                                                                                                                                                                              Mass
                                                                              0. 0000 +-
0. 0000 +-
                          Pu241:
Pu242:
                                                                                                0. 0000
0. 0000
                                                                                                                                                                        6839. 326
6834. 704
                                                                                                                                                                                              553. 624
537. 569
                                                                                                                                                                                                                       0. 000
0. 000
                                                                                                                                                                                                                                            0. 000
0. 000
                                                                                                                                                                                                                                                     Pass
Pass
                       Pu date:
Am241:
                                      00. 01. 01
0. 0000 +-
                                                                           19. 11. 05
0. 0000 +-
                                                                                                                                                                                              539. 193
544. 939
                                                                                                                                                                                                                                            0.000
0.000
                                                                                                                                                                                                                                                      Pass
Pass
                                                                                                                                                                        6853, 259
                                                                                                                                                                                                                       0.000
                                                            0.0000
                                                                                                0.0000
                                                                                                                                                                        6845. 900
                                                                                                                                                                                                                       0.000
                       Am date:
                                      00.01.01
                                                                           19.11.05
                                                                                                                                                             5
                                                                                                                                                                        6837 307
                                                                                                                                                                                              541. 946
527. 746
538. 621
                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                      Pass
                                                                                                                                                                                                                                            0. 000
0. 000
                                                                                                                                                                        6833. 202
                                                                                                                                                                                                                                                       Pass
                                             1, 50
                      Prede lav
                                                                                                                                                                        6832, 735
                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                      Pass
            Gate length:
2nd gate length:
                                           64. 00
64. 00
                                                                                                                                                                        6837. 157
6815. 498
                                                                                                                                                                                              520. 379
535. 093
                                                                                                                                                                                                                       0.000
0.000
                                                                                                                                                                                                                                            0. 000
0. 000
                                                                                                                                                                                                                                                      Pass
Pass
              High voltage:
Die away time:
Efficiency:
                                         1720
                                                                                                                                                            10
                                                                                                                                                                        6829.815
                                                                                                                                                                                              532, 122
                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                            0.000 Pass
                                            0.1620
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
                                           86. 5000
0. 3458
                                             0 0299
  Doubles gate fraction:
                                             0.0001
```

Pass

0.000 Pass

	201912_AFAS-B Collar_Ba	ack. txt				201912_AFAS-	B Collar_Back.tx	t	
INCC 5. 1. 2				Triple	es gate fraction	0. 0001			
Facility:				Normali	ization constant	1. 0000	+- 0.0000		
Material balance area: Detector type:	JM2G AFAS			Paccivo	e singles bkgrnd	: 0.000 +	- 0.000		
Detector id:	JSR 01				e doubles bkgrnd				
Electronics id:	JSR-12				e triples bkgrnd				
Inventory change code:	00K 12				e scaler1 bkgrnd		0.000		
I/O code:					e scaler2 bkgrnd				
Measurement date:	19. 12. 04 11:19:09				o couron E briginia	0.000			
Results file name:	9C4L1909, VER			Number	r passive cycles	: 10			
Inspection number:					Count time (sec)				
Item id:	BWR COLLAR								
Stratum id:	XXXX			Passive	error messages				
Material type:	Pu								
Original declared mass:	0. 000			Known al	lpha analysis er	ror			
Measurement option:	Verification								
Data source:	Review disk file			Results					
QC tests:									
Error calculation:	Sample method					Singles:	7002. 807 +-	5. 599	
Accidentals method:	Measured					Doubles:	586. 357 +-	5. 692	
Inspector name:						Triples:	0.000 +-	0.000	
Passive comment:						Scaler 1:	16. 467 +-	0. 122	
	B 6 11					Scaler 2:	0.000 +-	0.000	
Isotopics id:	Default			. D					
Isotopics source code: Pu238:	0D 0.0000 +- 0.0000	0.0000 +-	0.0000	SPassive	e cycle rate dat	а			
Pu239:	0.0000 +- 0.0000 0.0000 +- 0.0000	0.0000 +-	0.0000	Cycle	Singles	Doub I es	Triples	Mass QC Te	ooto
Pu240:	100.0000 +- 0.0000	100.0000 +-	0.0000	Gydle	6980, 549	591. 946	0,000	0.000 Pass	
Pu240 :	0.0000 +- 0.0000 0.0000 +- 0.0000	0.0000 +-	0.0000	2	7005. 304	567. 814	0.000	0.000 Pass 0.000 Pass	
Pu242:	0.0000 +- 0.0000	0.0000 +-	0.0000	3	7024. 447	590, 808	0.000	0.000 Pass	
Pu date:	00.01.01	19. 12. 04	0.0000	4	7008. 545	604, 396	0.000	0.000 Pass	
Am241:	0.0000 +- 0.0000	0.0000 +-	0.0000	5	7000. 577	584. 286	0.000	0.000 Pass	
	00.01.01	19. 12. 04	0. 0000	6	6992. 425	554, 483	0.000	0.000 Pass	
Alli date:	00. 01. 01	13. 12. 04		7	7008. 545	583, 168	0.000	0.000 Pass	
Predelav:	1, 50			8	6975. 471	571. 403	0.000	0.000 Pass	
110doldy.	04.00				7000 010	000.004	0.000	0.000 Fuot	

(1)

64. 00 64. 00

1720 50. 0000

0. 1970 160. 0000 0. 6419 0. 1030 0.0000

0.0001

Gate length: 2nd gate length: High voltage:

Die away time:

Bie away time:

Efficiency:

Multiplicity deadtime:

Coefficient A deadtime:

Coefficient B deadtime:

Doubles gate fraction:

(1) (2)

6999. 190

8 9

10

```
201912_AFAS-B Collar_Front.txt
                                                                                                                                                                                                                       201912_AFAS-B Collar_Front.txt
INCC 5.1.2
                                                                                                                                                                                Triples gate fraction:
  Facility:
Material balance area:
                                           JMOX
JM2G
                                                                                                                                                                               Normalization constant:
                                                                                                                                                                                                                                1.0000 +-
                                                                                                                                                                                                                                                      0.0000
              Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                0 000 +-
                                                                                                                                                                                                                                                      0 000
                                           AFAS
                                                                                                                                                                               Passive singles bkgrnd:
                                                                                                                                                                                                                                0. 000 +-
0. 000 +-
                                                                                                                                                                               Passive doubles bkgrnd:
                                            JSR-12
                                                                                                                                                                               Passive triples bkgrnd:
                                                                                                                                                                                                                                                      0.000
  Inventory change code:
I/O code:
                                                                                                                                                                               Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                0. 000
0. 000
          Measurement date:
Results file name:
                                           19. 12. 04 11:02:05
9C4L0205. VER
          Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                        Count time (sec):
                                                                                                                                                                                                                                     60
                                           BWR COLLAR
                                                                                                                                                                             Passive error messages
Material type:
Original declared mass:
                                           0.000
                                                                                                                                                                             Known alpha analysis error
       Measurement option:
Data source:
QC tests:
Error calculation:
Accidentals method:
                                           Verification
Review disk file
                                                                                                                                                                             Results
                                           0n
                                           Sample method
Measured
                                                                                                                                                                                                                       Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                   6931. 083 +-

572. 639 +-

0. 000 +-

11. 673 +-

0. 000 +-
                                                                                                                                                                                                                                                                              3. 655
4. 683
0. 000
0. 110
0. 000
             Inspector name:
Passive comment:
                  Isotopics id:
                                           Default
  Isotopics source code:
                                                                                                                                                                             Passive cycle rate data
                                           OD
                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                   0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                              Pu238:
Pu239:
                                                                                                             0. 0000
0. 0000
                                                                                                                                                                                                                                                                          Mass QC Te
0.000 Pass
0.000 Pass
0.000 Pass
                                                                                                                                                                             Cycle
                                                                                                                                                                                                Singles
                                                                                                                                                                                                                        Doubles
                                                                                                                                                                                                                                                                                       QC Tests
                                                                                                                                                                                                                        597. 839
576. 911
585. 740
                                                                                                             0.0000
                                                                                                                                                                                              6936. 684
6931. 122
6947. 157
                                                                                                                                                                                                                                                   0.000
0.000
0.000
                              Pu240:
                              Pu241:
Pu242:
                                                                                                             0. 0000
0. 0000
                          Pu date:
Am241:
                                           00. 01. 01
0. 0000 +-
                                                                                     19. 12. 04
0. 0000 +-
                                                                                                                                                                                                                        556. 158
564. 070
                                                                                                                                                                                                                                                                           0.000
0.000
                                                                                                                                                                                                                                                                                      Pass
Pass
                                                                                                                                                                                               6948.360
                                                                                                                                                                                                                                                    0.000
                                                                   0.0000
                                                                                                             0.0000
                                                                                                                                                                                               6928. 967
                                                                                                                                                                                                                                                    0.000
                          Am date:
                                           00, 01, 01
                                                                                     19. 12. 04
                                                                                                                                                                                  6
7
                                                                                                                                                                                              6932, 207
                                                                                                                                                                                                                       581. 381
570. 931
                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                                      Pass
                                                                                                                                                                                                                                                                           0.000
0.000
                                                                                                                                                                                                                                                                                       Pass
                                                   1, 50
                        Prede lav
                                                                                                                                                                                              6914, 201
                                                                                                                                                                                                                        548, 948
                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                       Pass
                                                                                                                                                                                  8
             Gate length:
2nd gate length:
                                                 64. 00
64. 00
                                                                                                                                                                                              6916. 339
6934. 446
                                                                                                                                                                                                                        563. 195
581. 215
                                                                                                                                                                                                                                                   0.000
0.000
                                                                                                                                                                                                                                                                           0.000
0.000
                                                                                                                                                                                                                                                                                      Pass
Pass
                                                                                                                                                                                10
                High voltage:
Die away time:
Efficiency:
                                              1720
                                                  0.1970
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
                                               160. 0000
0. 6419
                                                   0.1030
```

(2)

0.0001

0.0001

(1)

Doubles gate fraction:

	201912_AFAS-P	Collar_Ba	ck. txt				201912_AFAS-	-P Collar_Back.txt	i.	
INCC 5. 1. 2					Triple	es gate fraction	0. 0001			
INOU 3. 1. 2					iripi	es gate Traction	. 0.0001			
Facility:	JMOX				Normal	ization constant	1. 0000	+- 0.0000		
Material balance area:	JM2G									
Detector type:	AFAS					e singles bkgrnd				
Detector id:						e doubles bkgrnd				
Electronics id:	JSR-12					e triples bkgrnd		⊢ 0.000		
Inventory change code:						e scaler1 bkgrnd				
I/O code:					Passive	e scaler2 bkgrnd	0.000			
Measurement date:	19. 12. 04 13:	40:10								
Results file name:	9C4N4010. VER					r passive cycles				
Inspection number:					(Count time (sec)	: 60			
Item id:	PWR COLLAR									
Stratum id:					Passive	error messages				
Material type:										
Original declared mass:						ive calibration		tion		
Measurement option:	Verification				No know	n alpha calibrat	ion			
Data source:	Review disk f	ile								
QC tests:					Results					
Error calculation:		l					0: 1 :	0700 000	0.074	
Accidentals method:	Measured						Singles:	6703. 282 +-	2. 874	
Inspector name:							Doubles:	531. 056 +-	4. 874	
Passive comment:							Triples:	0.000 +-	0.000	
	D . C I +						Scaler 1:	24. 977 +-	0. 199	
Isotopics id:							Scaler 2:	0. 000 +-	0.000	
	0D 0.0000 +-	0.0000	0 0000 .	0 0000	D:					
Pu238 : Pu239 :	0.0000 +-	0. 0000 0. 0000	0.0000 +- 0.0000 +-	0. 0000 0. 0000	Passive	cycle rate data				
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000	0	0:1	Doub I es	Triples	Mass (OC Tests
Pu240 :	0.0000 +-	0.0000	0.0000 +-	0.0000	Cycle 1	Singles 6707.672	551, 578	0.000		ac rests Pass
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000	2	6706, 287	540, 235	0.000		ass Pass
Pu date:	00.01.01	0. 0000	19. 12. 04	0.0000	3	6712. 427	495. 716	0.000		ass Pass
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000	4	6704, 618	520, 121	0.000		ass Pass
	00. 01. 01	0. 0000	19. 12. 04	0. 0000	5	6689. 284	538. 377	0.000		ass Pass
Alli date:	00.01.01		13. 12. 04		6	6696, 793	542. 789	0.000		ass Pass
Predelay:	1, 50				7	6720, 537	532. 219	0.000		ass Pass
Gate length:	64. 00				8	6695, 191	523. 861	0.000		Pass
2nd gate length:	64. 00				9	6698, 161	535. 422	0.000		Pass
High voltage:	1720				10	6701, 848	530. 244	0.000	0.000 F	
Die away time:	50, 0000						- 30. 2	0.000		
Efficiency:	0. 1620									
Multiplicity deadtime:	86. 5000									
Coefficient A deadtime:	0. 3458									
Coefficient B deadtime:	0. 0299									
Coefficient C deadtime:	0.0000									
Doubles gate fraction:	0.0000									

```
201912_AFAS-P Collar_Front.txt
                               201912_AFAS-P Collar_Front.txt
INCC 5.1.2
                                                                                                                                     Triples gate fraction:
  Facility:
Material balance area:
                                 JMOX
JM2G
                                                                                                                                     Normalization constant:
                                                                                                                                                                          1.0000 +-
                                                                                                                                                                                          0.0000
           Detector type:
Detector id:
Electronics id:
                                                                                                                                                                          0 000 +-
                                 AFAS
                                                                                                                                     Passive singles bkgrnd:
                                                                                                                                                                                           0 000
                                                                                                                                                                          0. 000 +-
0. 000 +-
                                                                                                                                     Passive doubles bkgrnd:
                                 JSR-12
                                                                                                                                     Passive triples bkgrnd:
                                                                                                                                                                                           0.000
  Inventory change code:
I/O code:
                                                                                                                                                                          0.000
                                                                                                                                     Passive scaler2 bkgrnd:
                                                                                                                                                                          0.000
       Measurement date:
Results file name:
                                 19. 12. 04 13:23:06
       Inspection number:
Item id:
Stratum id:
                                                                                                                                            Count time (sec):
                                                                                                                                                                              60
                                 PWR COLLAR
                                 XXXX
                                                                                                                                   Passive error messages
 Material type:
Original declared mass:
                                 0.000
                                                                                                                                   No passive calibration curve calibration
      Measurement option:
Data source:
QC tests:
                                 Verification
                                                                                                                                   No known alpha calibration
                                 Review disk file
                                                                                                                                   Results
      Error calculation:
Accidentals method:
                                 Sample method
Measured
                                                                                                                                                                                         6686.965 +-
                                                                                                                                                                     Singles:
                                                                                                                                                                                          521. 469 +-
0. 000 +-
21. 132 +-
           Inspector name:
                                                                                                                                                                     Doubles:
                                                                                                                                                                                                              2 407
          Passive comment:
                                                                                                                                                                     Triples:
                                                                                                                                                                                                              0.000
                                                                                                                                                                    Scaler 1:
                                                                                                                                                                                                              0.129
             Isotopics id:
                                 Default
                                                                                                                                                                                             0.000 +-
  Isotopics source code:
                                 OD
                                    0.0000 +-
                                                   0. 0000
0. 0000
                       Pu238
                                                                   0.0000 +-
                                                                                  0.0000
                                                                                                                                   Passive cycle rate data
                                 0.0000 +-
100.0000 +-
                                                                 0.0000 +-
100.0000 +-
                       Pu239
                                                   0.0000
                                                                                                                                                                                                            Mass QC Tests
                       Pu240:
                                                                                  0.0000
                                                                                                                                   Cvcle
                                                                                                                                                 Singles
                                                                                                                                                                    Doubles 1
                                                                                                                                                                                      Triples
                                    0.0000 +-
0.0000 +-
                                                   0. 0000
0. 0000
                                                                   0.0000 +-
0.0000 +-
                                                                                                                                                6691. 119
6656. 813
                                                                                                                                                                    514. 138
522. 668
                                                                                                                                                                                                           0.000 Pass
0.000 Pass
                       Pu241:
                                                                                   0.0000
                                                                                                                                                                                         0.000
                       Pu242:
                                                                                   0.0000
                                                                                                                                                                                         0.000
                    Pu date:
Am241:
                                00. 01. 01
0. 0000 +-
                                                                 19. 12. 04
0. 0000 +-
                                                                                                                                                                    513. 002
524. 377
                                                                                                                                                 6688 049
                                                                                                                                                                                         0.000
                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                   Pass
                                                                                                                                                                                                                    Pass
                                                   0.0000
                                                                                   0.0000
                                                                                                                                                 6682. 726
                                                                                                                                                                                         0.000
                                                                                                                                                                                                           0.000
                    Am date:
                                 00.01.01
                                                                 19 12 04
                                                                                                                                       5
                                                                                                                                                 6687 932
                                                                                                                                                                    513, 436
                                                                                                                                                                                         0.000
                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                   Pass
                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                    Pass
                   Prede lav
                                      1.50
                                                                                                                                                 6697, 527
                                                                                                                                                                    515. 275
                                                                                                                                                                                         0.000
                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                   Pass
          Gate length:
2nd gate length:
                                     64. 00
64. 00
                                                                                                                                                6688. 633
6670. 445
                                                                                                                                                                    522. 992
530. 940
                                                                                                                                                                                        0.000
0.000
                                                                                                                                                                                                           0.000
0.000
                                                                                                                                                                                                                   Pass
Pass
            High voltage:
Die away time:
Efficiency:
                                   1720
                                                                                                                                      10
                                                                                                                                                6706, 153
                                                                                                                                                                    535 256
                                                                                                                                                                                         0.000
                                                                                                                                                                                                           0 000 Pass
                                      0.1620
 Multiplicity deadtime:
Coefficient A deadtime:
                                     86. 5000
0. 3458
 Coefficient B deadtime:
                                      0 0299
 Coefficient C deadtime:
  Doubles gate fraction:
                                      0.0001
```

Singles:

	202001_AFAS-B Collar_Back.txt	202001_AFAS-B Collar_Back.txt					
INCC 5.1.2		Triples gate fraction:	0. 0001				
Facility: Material balance area:	JMOX JM2G	Normalization constant:	1.0000 +-	0. 0000			
Detector type:		Passive singles bkgrnd:	0.000 +-	0.000			
Detector id:	JSR_01	Passive doubles bkgrnd:	0.000 +-	0.000			
Electronics id:	JSR-12	Passive triples bkgrnd:	0.000 +-	0.000			
Inventory change code:		Passive scaler1 bkgrnd:	0.000				
I/O code:		Passive scaler2 bkgrnd:	0.000				

Measurement date: Results file name: 20. 01. 08 11:27:11 018L2711. VER Number passive cycles: 10 Count time (sec): 60

Inspection number: Item id: BWR COLLAR Stratum id: XXXX Passive error messages

Pu 0. 000 Material type: Original declared mass: Known alpha analysis error Measurement option: Data source: Verification Review disk file Results

(1)

0. 1030 0.0000

0.0001

Doubles gate fraction:

QC tests: Sample method Error calculation: Accidentals method: Measured

6812. 360 +-564. 915 +-Doubles: 3.014 Inspector name Triples: 0. 000 +-15. 907 +-0.000 Passive comment: Scaler 1: Scaler 2: 0.000 +-0.000 Isotopics id: Default Isotopics source code: Passive cycle rate data OD 0 0000 +-0.0000

0.0000 +-0.0000 +-Pu238: Pu239: 0. 0000 0. 0000 0.0000 +-0.0000 Mass QC Tests Cvcle Singles Doubles | Triples Pu240: Pu241: 100.0000 +-0.0000 +-0. 0000 0. 0000 100. 0000 +-0. 0000 +-0. 0000 0. 0000 6831. 769 6815. 701 575. 954 576. 500 0. 000 0. 000 0.000 Pass 0.000 Pass 566. 571 554. 201 558. 014 Pu242: 0.0000 +-0.0000 0.0000 +-0.0000 6810, 189 0.000 0.000 Pass Pu date: 00.01.01 20. 01. 08 0.000 Pass 0.0000 +-0.0000 0.0000 +-0.0000 0.000 Am241: 6799, 749 0.000 Pass

6817. 438 6812. 677 561. 636 547. 790 0. 000 0. 000 0. 000 0. 000 Am date: 00.01.01 20.01.08 Pass Pass Predelay: 1 50 6794 822 573.931 0.000 0.000 Pass Gate length: 2nd gate length: 6820. 762 0.000 Pass 64.00 10 6808, 284 567, 508 0.000 0.000 Pass 1720 50. 0000 High voltage: Die away time: Efficiency: 0 1970 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime: 0.6419

> (1) (2)

```
202001_AFAS-B Collar_Front.txt
                                                                                                                                                                                                                           202001_AFAS-B Collar_Front.txt
INCC 5.1.2
                                                                                                                                                                                   Triples gate fraction:
  Facility:
Material balance area:
                                            JMOX
JM2G
                                                                                                                                                                                  Normalization constant:
                                                                                                                                                                                                                                    1.0000 +-
                                                                                                                                                                                                                                                          0.0000
              Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                    0 000 +-
                                                                                                                                                                                                                                                           0 000
                                            AFAS
                                                                                                                                                                                  Passive singles bkgrnd:
                                                                                                                                                                                                                                    0. 000 +-
0. 000 +-
                                                                                                                                                                                  Passive doubles bkgrnd:
                                                                                                                                                                                                                                                           0.000
                                            JSR-12
                                                                                                                                                                                  Passive triples bkgrnd:
  Inventory change code:
I/O code:
                                                                                                                                                                                  Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                    0. 000
0. 000
          Measurement date:
Results file name:
                                            20. 01. 08 11:11:06
018L1106. VER
          Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                           Count time (sec):
                                                                                                                                                                                                                                         60
                                            BWR COLLAR
                                                                                                                                                                                Passive error messages
Material type:
Original declared mass:
                                            0.000
                                                                                                                                                                                Known alpha analysis error
       Measurement option:
Data source:
QC tests:
Error calculation:
Accidentals method:
                                            Verification
Review disk file
                                                                                                                                                                                Results
                                            Sample method
Measured
                                                                                                                                                                                                                           Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                       6751. 237 +-
551. 266 +-
0. 000 +-
11. 360 +-
0. 000 +-
                                                                                                                                                                                                                                                                                   5. 009
3. 124
0. 000
0. 149
0. 000
             Inspector name:
Passive comment:
                  Isotopics id:
                                            Default
  Isotopics source code:
                                                                                                                                                                                Passive cycle rate data
                                            OD
                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                    0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                              Pu238:
Pu239:
                                                                                                              0. 0000
0. 0000
                                                                                                                                                                                                                           Doubles
551. 717
565. 972
545. 593
                                                                                                                                                                                                                                                                               Mass QC Te
0.000 Pass
0.000 Pass
0.000 Pass
                                                                                                                                                                                Cycle
                                                                                                                                                                                                   Singles
                                                                                                                                                                                                                                                                                           QC Tests
                                                                                                                                                                                                                                                       0.000
0.000
0.000
                               Pu240:
                                                                                                              0.0000
                                                                                                                                                                                                 6745. 364
6774. 461
6752. 363
                              Pu241:
Pu242:
                                                                                                              0. 0000
0. 0000
                                                                                                                                                                                                                           531. 879
541. 923
                          Pu date:
Am241:
                                            00. 01. 01
0. 0000 +-
                                                                                      20. 01. 08
0. 0000 +-
                                                                                                                                                                                                                                                       0.000
0.000
                                                                                                                                                                                                                                                                                0.000
0.000
                                                                                                                                                                                                                                                                                           Pass
Pass
                                                                                                                                                                                                  6738.065
                                                                     0.0000
                                                                                                              0.0000
                                                                                                                                                                                                  6740. 303
                           Am date:
                                            00.01.01
                                                                                      20, 01, 08
                                                                                                                                                                                     6
7
                                                                                                                                                                                                 6754, 334
                                                                                                                                                                                                                           554. 599
561. 051
557. 406
                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                                           Pass
                                                                                                                                                                                                 6774. 026
6740. 086
                                                                                                                                                                                                                                                                               0.000
0.000
                                                                                                                                                                                                                                                                                           Pass
                                                   1, 50
                         Prede lav
                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                                           Pass
                                                                                                                                                                                     8
             Gate length:
2nd gate length:
                                                  64. 00
64. 00
                                                                                                                                                                                                 6728. 044
6765. 324
                                                                                                                                                                                                                           554. 590
547. 924
                                                                                                                                                                                                                                                       0.000
0.000
                                                                                                                                                                                                                                                                               0.000
0.000
                                                                                                                                                                                                                                                                                           Pass
Pass
                                                                                                                                                                                    10
                High voltage:
Die away time:
Efficiency:
                                              1720
                                                   0.1970
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
                                                160. 0000
0. 6419
                                                   0.1030
                                                   0.0001
                                                                  (1)
                                                                                                                                                                                                                                                   (2)
```

	202001_AFAS-P	Collar_Ba	ick. txt				202001_AFAS-P	Collar_Back.txt	:	
INCC 5. 1. 2					Triple	s gate fraction	0. 0001			
Facility: Material balance area:	JMOX JM2G				Normali	zation constant	1.0000 +	- 0.0000		
Detector type: Detector id: Electronics id: Inventory change code: I/O code:	AFAS JSR_03 JSR-12				Passive Passive Passive	singles bkgrnd doubles bkgrnd triples bkgrnd scaler1 bkgrnd scaler2 bkgrnd	0.000 +- 0.000 +- 0.000	0.000		
Measurement date: Results file name: Inspection number: Item id: Stratum id:	20. 01. 08 13: 018N3044. VER PWR COLLAR XXXX	30:44			С	passive cycles ount time (sec) error messages				
Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk f	ile			No passi No known	ve calibration o alpha calibrat		on		
QC tests: Error calculation: Accidentals method: Inspector name: Passive comment:	On Sample method Measured				Results		Singles: Doubles: Triples: Scaler 1:	6529. 248 +- 507. 038 +- 0. 000 +- 24. 717 +-	4. 350 3. 969 0. 000 0. 159	9
Isotopics id: Isotopics source code: Pu238: Pu239:	Default OD 0.0000 +- 0.0000 +-	0. 0000 0. 0000	0.0000 +- 0.0000 +-	0. 0000 0. 0000	Passive	cycle rate data	Scaler 2:	0.000 +-	0.000)
Pu240: Pu241: Pu242: Pu date: Am241:	0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 0.01.01 0.0000 +- 00.01.01	0. 0000 0. 0000 0. 0000 0. 0000	100.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 20.01.08 0.0000 +- 20.01.08	0. 0000 0. 0000 0. 0000 0. 0000	Cycle 1 2 3 4 5	Singles 6548. 705 6516. 269 6537. 292 6512. 097 6519. 973 6533. 421	Doubles 515. 800 503. 216 518. 521 514. 290 489. 435 505. 190	Triples 0.000 0.000 0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000 0.000	QC Tests Pass Pass Pass Pass Pass Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1620 86. 5000 0. 3457 0. 0299 0. 0000 0. 0001				7 8 9 10	6511. 096 6534. 089 6547. 504 6532. 036	498. 070 493. 380 530. 249 502. 233	0.000 0.000 0.000 0.000	0.000 0.000	Pass Pass Pass

```
INCC 5.1.2
                                                                                                                                                                       Triples gate fraction:
  Facility:
Material balance area:
                                         JMOX
JM2G
                                                                                                                                                                      Normalization constant:
                                                                                                                                                                                                                     1.0000 +-
                                                                                                                                                                                                                                          0.0000
             Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                     0 000 +-
                                                                                                                                                                                                                                          0 000
                                         AFAS
                                                                                                                                                                      Passive singles bkgrnd:
                                                                                                                                                                                                                     0. 000 +-
0. 000 +-
                                                                                                                                                                       Passive doubles bkgrnd:
                                                                                                                                                                                                                                          0.000
                                          JSR-12
                                                                                                                                                                      Passive triples bkgrnd:
  Inventory change code:
I/O code:
                                                                                                                                                                      Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                     0. 000
0. 000
         Measurement date:
Results file name:
                                         20. 01. 08 13:14:40
018N1440. VER
         Inspection number:
Item id:
Stratum id:
                                                                                                                                                                               Count time (sec):
                                                                                                                                                                                                                          60
                                         PWR COLLAR
                                                                                                                                                                    Passive error messages
Material type:
Original declared mass:
                                         0.000
                                                                                                                                                                    No passive calibration curve calibration
       Measurement option:
Data source:
QC tests:
Error calculation:
Accidentals method:
                                         Verification
Review disk file
                                                                                                                                                                    No known alpha calibration
                                         0n
                                                                                                                                                                    Results
                                         Sample method
Measured
                                                                                                                                                                                                                                        6523. 921 +-
                                                                                                                                                                                                               Singles:
                                                                                                                                                                                                                                                                 3.002
                                                                                                                                                                                                                                         507. 836 +-
0. 000 +-
20. 390 +-
            Inspector name:
Passive comment:
                                                                                                                                                                                                              Doubles:
Triples:
                                                                                                                                                                                                                                                                 2. 832
0. 000
                                                                                                                                                                                                                                                                 0. 212
0. 000
                                                                                                                                                                                                              Scaler 1:
                 Isotopics id:
                                         Default
                                                                                                                                                                                                                                            0.000 +-
  Isotopics source code:
                                         OD
                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                               0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                            Pu238:
Pu239:
                                                                                                       0. 0000
0. 0000
                                                                                                                                                                    Passive cycle rate data
                             Pu240:
                                                                                                       0.0000
                                                                                                                                                                    Cycle
                                                                                                                                                                                      Singles
                                                                                                                                                                                                             Doub I es
                                                                                                                                                                                                                                    Triples
                                                                                                                                                                                                                                                                Mass QC Tests
                                                                                                                                                                                                             524. 228
494. 362
514. 995
497. 906
                            Pu241:
Pu242:
                                                                                                       0. 0000
0. 0000
                                                                                                                                                                                     6506. 458
6514. 183
                                                                                                                                                                                                                                       0. 000
0. 000
                                                                                                                                                                                                                                                              0.000 Pass
0.000 Pass
                         Pu date:
Am241:
                                         00. 01. 01
0. 0000 +-
                                                                                20. 01. 08
0. 0000 +-
                                                                                                                                                                                                                                       0.000
0.000
                                                                                                                                                                                                                                                              0.000
0.000
                                                                                                                                                                                                                                                                         Pass
Pass
                                                                                                                                                                                     6530, 602
                                                                0.0000
                                                                                                       0.0000
                                                                                                                                                                                     6529. 450
                         Am date:
                                         00.01.01
                                                                                 20, 01, 08
                                                                                                                                                                                     6526, 497
                                                                                                                                                                                                             505. 305
514. 778
507. 696
                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                         Pass
                                                                                                                                                                         5
6
7
                                                                                                                                                                                     6535. 040
6536. 291
                                                                                                                                                                                                                                                              0.000
0.000
                                                                                                                                                                                                                                                                         Pass
                                                1, 50
                       Prede lav
                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                                         Pass
            Gate length:
2nd gate length:
                                              64. 00
64. 00
                                                                                                                                                                                     6523. 026
6518. 738
                                                                                                                                                                                                             506. 224
511. 936
                                                                                                                                                                                                                                       0.000
0.000
                                                                                                                                                                                                                                                              0. 000
0. 000
                                                                                                                                                                                                                                                                         Pass
Pass
               High voltage:
Die away time:
Efficiency:
                                           1720
                                                                                                                                                                        10
                                                                                                                                                                                     6518, 922
                                                                                                                                                                                                             500. 928
                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                              0.000 Pass
                                                0.1620
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
                                              86. 5000
0. 3457
                                                0.0299
                                                0.0001
                                                              (1)
                                                                                                                                                                                                                                   (2)
```

	202002_AFAS-B Collar_Ba	ck. txt				202002_AFAS-I	3 Collar_Back.tx	t	
INCC 5.1.2				Triple	es gate fraction:	0. 0001			
Facility:				Normal	zation constant:	1. 0000	⊢ 0.0000		
Material balance area: Detector type: Detector id: Electronics id: Inventory change code:	JM2G AFAS JSR_01 JSR-12			Passive Passive Passive	e singles bkgrnd: doubles bkgrnd: triples bkgrnd: scaler1 bkgrnd: scaler2 bkgrnd:	0. 000 +- 0. 000 +- 0. 000	0.000		
Measurement date: Results file name: Inspection number:	024M1214. VER				passive cycles: Count time (sec):				
Item id: Stratum id: Material type:				Passive	error messages				
Original declared mass: Measurement option: Data source:	0. 000			Known a	pha analysis err	or			
QC tests: Error calculation: Accidentals method: Inspector name: Passive comment:	On Sample method Measured Back					Singles: Doubles: Triples: Scaler 1:	6686. 860 +- 559. 373 +- 0. 000 +- 15. 335 +-	4. 83 2. 09 0. 00 0. 22	10 10 10
Isotopics id: Isotopics source code:	OD	0.0000		Passive	cycle rate data	Scaler 2:	0.000 +-	0. 00	10
	0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 00.01.01 0.0000 +- 0.0000 00.01.01	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 20.02.04 0.0000 +- 20.02.04	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	Cycle 1 2 3 4 5 6	Singles 6711. 642 6685. 302 6679. 773 6666. 495 6669. 401 6702. 622 6682. 345	Doubles 576. 445 561. 354 555. 025 556. 208 554. 770 558. 849 561. 905	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000	Pass Pass Pass Pass Pass Pass Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1970 160. 0000 0. 6419 0. 1030 0. 0000 0. 0001			8 9 10	6677. 836 6705. 963 6687. 222	553, 836 559, 168 556, 166	0. 000 0. 000 0. 000	0. 000 0. 000 0. 000	Pass Pass Pass

```
INCC 5.1.2
                                                                                                                                                                           Triples gate fraction:
  Facility:
Material balance area:
                                          JMOX
JM2G
                                                                                                                                                                         Normalization constant:
                                                                                                                                                                                                                          1.0000 +-
                                                                                                                                                                                                                                              0.0000
              Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                          0 000 +-
                                                                                                                                                                                                                                               0 000
                                          AFAS
                                                                                                                                                                         Passive singles bkgrnd:
                                                                                                                                                                                                                         0.000 +-
0.000 +-
                                                                                                                                                                          Passive doubles bkgrnd:
                                          JSR-12
                                                                                                                                                                         Passive triples bkgrnd:
                                                                                                                                                                                                                                               0.000
  Inventory change code:
I/O code:
                                                                                                                                                                         Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                         0. 000
0. 000
         Measurement date:
Results file name:
                                          20. 02. 04 11:14:58
024L1458. VER
         Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                   Count time (sec):
                                                                                                                                                                                                                              60
                                          BWR COLLAR
                                                                                                                                                                        Passive error messages
Material type:
Original declared mass:
                                          0.000
                                                                                                                                                                        Known alpha analysis error
       Measurement option:
Data source:
QC tests:
                                          Verification
                                          Review disk file
                                                                                                                                                                        Results
                                          0n
       Error calculation:
Accidentals method:
                                          Sample method
Measured
                                                                                                                                                                                                                                            6641. 057 +-
549. 842 +-
0. 000 +-
11. 118 +-
0. 000 +-
                                                                                                                                                                                                                   Singles:
Doubles:
                                                                                                                                                                                                                                                                      5. 706
3. 712
                                                                                                                                                                                                                 Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                      0. 000
0. 131
0. 000
            Inspector name:
Passive comment:
                 Isotopics id:
                                          Default
  Isotopics source code:
                                                                                                                                                                        Passive cycle rate data
                                          OD
                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                 0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                  0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                             Pu238:
Pu239:
                                                                                                         0. 0000
0. 0000
                                                                                                                                                                                                                 Doubles
534. 783
548. 489
557. 464
542. 497
555. 786
                                                                                                                                                                        Cycle
                                                                                                                                                                                          Singles
                                                                                                                                                                                                                                                                              QC Tests
                                                                                                         0.0000
                                                                                                                                                                                                                                            0.000
0.000
0.000
                                                                                                                                                                                                                                                                   0.000 Pass
                             Pu240:
                                                                                                                                                                                         6616.622
                             Pu241:
Pu242:
                                                                                                         0. 0000
0. 0000
                                                                                                                                                                                        6656. 573
6621. 465
                                                                                                                                                                                                                                                                   0. 000
0. 000
                                                                                                                                                                                                                                                                              Pass
Pass
                          Pu date:
Am241:
                                          00. 01. 01
0. 0000 +-
                                                                                  20. 02. 04
0. 0000 +-
                                                                                                                                                                                                                                                                   0.000
0.000
                                                                                                                                                                                                                                                                              Pass
Pass
                                                                                                                                                                                         6659.396
                                                                                                                                                                                                                                            0.000
                                                                 0.0000
                                                                                                          0.0000
                                                                                                                                                                                         6656. 674
                                                                                                                                                                                                                                            0.000
                          Am date:
                                          00.01.01
                                                                                  20, 02, 04
                                                                                                                                                                            6
7
                                                                                                                                                                                        6648, 172
                                                                                                                                                                                                                 559. 064
573. 514
544. 549
                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                              Pass
                                                                                                                                                                                         6661. 534
                                                                                                                                                                                                                                                                               Pass
                                                 1, 50
                        Prede lav
                                                                                                                                                                            8
                                                                                                                                                                                         6638, 234
                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                              Pass
            Gate length:
2nd gate length:
                                               64. 00
64. 00
                                                                                                                                                                                        6616. 104
6635. 796
                                                                                                                                                                                                                 536. 708
545. 569
                                                                                                                                                                                                                                            0.000
0.000
                                                                                                                                                                                                                                                                   0.000
0.000
                                                                                                                                                                                                                                                                              Pass
Pass
                                                                                                                                                                           10
               High voltage:
Die away time:
Efficiency:
                                            1720
                                                 0.1970
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
                                              160. 0000
0. 6419
                                                 0.1030
                                                 0.0001
```

(2)

(1)

(1)

	202002_AFAS-P	Collar_Ba	ack. txt				202002_AFAS-F	Collar_Back.tx	t
INCC 5.1.2					Triple	es gate fraction:	0. 0001		
Facility: Material balance area:					Normal	zation constant:	1.0000 +	- 0.0000	
Detector type:					Passive	e singles bkgrnd:	0.000 +-	0.000	
Detector id:						e doubles bkgrnd:			
Electronics id:	JSR-12					e triples bkgrnd:		0.000	
Inventory change code:						e scaler1 bkgrnd:			
I/O code:	00 00 04 40	. 04 . 00			Passive	scaler2 bkgrnd:	0. 000		
Measurement date: Results file name:	20. 02. 04 13 024N2100. VER	21:00			Monda		10		
Inspection number:	024N2100. VER					r passive cycles: Count time (sec):			
	PWR COLLAR				,	Journ trille (Sec) .	00		
Stratum id:					Passive	error messages			
Material type:									
Original declared mass:	0.000				No pass	ive calibration o	urve calibrati	on	
Measurement option:	Verification				No know	n alpha calibrati	on		
Data source:	Review disk	file							
QC tests:	0n				Results				
Error calculation: Accidentals method:	Sample method Measured	1					Singles:	6407. 258 +-	3, 811
Inspector name:	weasureu						Doubles:	499, 928 +-	3. 776
Passive comment:	Front						Triples:	0.000 +-	0.000
Tassive comments							Scaler 1:	20. 233 +-	0. 199
Isotopics id:	Default						Scaler 2:	0.000 +-	0.000
Isotopics source code:	OD								
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000	Passive	cycle rate data			
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000					
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000	Cycle	Singles	Doubles	Triples	Mass QC Tests
Pu241 : Pu242 :	0.0000 +- 0.0000 +-	0. 0000 0. 0000	0. 0000 +- 0. 0000 +-	0. 0000 0. 0000	1 2	6404. 228 6422. 598	502. 328 514. 258	0. 000 0. 000	0.000 Pass 0.000 Pass
Pu date:	00. 01. 01	0. 0000	20. 02. 04	0. 0000	3	6407. 582	508. 876	0.000	0.000 Pass
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000	4	6408, 433	510. 747	0.000	0.000 Pass
	00. 01. 01		20. 02. 04		5	6410. 652	510. 764	0.000	0.000 Pass
					6	6386. 091	490. 014	0.000	0.000 Pass
Predelay:	1. 50				7	6420. 680	496. 785	0.000	0.000 Pass
Gate length:	64. 00				8	6414. 806	480. 799	0.000	0.000 Pass
2nd gate length:	64. 00				9	6388. 277	483. 166	0.000	0.000 Pass
High voltage:	1720				10	6409. 234	501. 544	0. 000	0.000 Pass
Die away time: Efficiency:	50. 0000 0. 1620								
Multiplicity deadtime:	86, 5000								
Coefficient A deadtime:	0. 3458								
Coefficient B deadtime:	0. 0299								
Coefficient C deadtime:	0. 0000								
Doubles gate fraction:	0. 0001								

```
INCC 5.1.2
                                                                                                                                       Triples gate fraction:
  Facility:
Material balance area:
                                 JMOX
JM2G
                                                                                                                                      Normalization constant:
                                                                                                                                                                            1.0000 +-
                                                                                                                                                                                            0.0000
           Detector type:
Detector id:
Electronics id:
                                                                                                                                                                            0 000 +-
                                 AFAS
                                                                                                                                      Passive singles bkgrnd:
                                                                                                                                                                                             0.000
                                                                                                                                                                            0. 000 +-
0. 000 +-
                                                                                                                                      Passive doubles bkgrnd:
                                 JSR-12
                                                                                                                                      Passive triples bkgrnd:
                                                                                                                                                                                            0.000
  Inventory change code:
                                                                                                                                                                            0.000
                                                                                                                                      Passive scaler2 bkgrnd:
                                                                                                                                                                            0.000
       Measurement date:
Results file name:
                                 20. 02. 04 14:14:15
       Inspection number:
Item id:
Stratum id:
                                                                                                                                             Count time (sec):
                                                                                                                                                                               60
                                 PWR COLLAR
                                 XXXX
                                                                                                                                    Passive error messages
 Material type:
Original declared mass:
                                 0.000
                                                                                                                                    No passive calibration curve calibration
      Measurement option:
Data source:
QC tests:
                                 Verification
                                                                                                                                    No known alpha calibration
                                  Review disk file
                                                                                                                                    Results
      Error calculation:
Accidentals method:
                                  Sample method
                                 Measured
                                                                                                                                                                                           6402.309 +-
                                                                                                                                                                      Singles:
                                                                                                                                                                                           500. 739 +-
0. 000 +-
20. 472 +-
           Inspector name:
                                                                                                                                                                      Doubles:
                                                                                                                                                                                                               2.791
          Passive comment:
                                                                                                                                                                       Triples:
                                                                                                                                                                                                               0.000
                                                                                                                                                                     Scaler 1:
                                                                                                                                                                                                               0.234
             Isotopics id:
                                 Default
                                                                                                                                                                                              0.000 +-
                                                                                                                                                                                                               0.000
  Isotopics source code:
                                 0D
                                    0.0000 +-
                                                   0. 0000
0. 0000
                       Pu238
                                                                   0.0000 +-
                                                                                   0.0000
                                                                                                                                    Passive cycle rate data
                                 0.0000 +-
100.0000 +-
                                                                 0.0000 +-
100.0000 +-
                       Pu239
                                                   0.0000
                                                                                                                                                  Singles
                                                                                                                                                                                                                     QC Tests
                       Pu240:
                                                                                   0.0000
                                                                                                                                    Cvcle
                                                                                                                                                                     Doubles 1
                                                                                                                                                                                        Triples
                                                                                                                                                                                                              Mass
                                    0.0000 +-
0.0000 +-
                                                   0. 0000
0. 0000
                                                                   0.0000 +-
0.0000 +-
                                                                                                                                                 6412. 521
6406. 798
                                                                                                                                                                     496. 099
513. 035
                                                                                                                                                                                          0. 000
0. 000
                                                                                                                                                                                                            0. 000
0. 000
                                                                                                                                                                                                                     Pass
Pass
                       Pu241:
                                                                                    0.0000
                       Pu242:
                                                                                   0.0000
                    Pu date:
Am241:
                                 00. 01. 01
0. 0000 +-
                                                                20. 02. 04
0. 0000
                                                                                                                                                  6411.836
                                                                                                                                                                     497. 853
                                                                                                                                                                                          0.000
                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                     Pass
                                                   0.0000
                                                                                   0.0000
                                                                                                                                                  6403. 127
                                                                                                                                                                     498. 920
                                                                                                                                                                                          0.000
                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                      Pass
                    Am date:
                                 00.01.01
                                                                 20 02 04
                                                                                                                                        5
                                                                                                                                                  6395 101
                                                                                                                                                                     503 846
                                                                                                                                                                                          0.000
                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                     Pass
                                                                                                                                                                     501. 178
487. 093
                                                                                                                                                  6419.061
                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                      Pass
                   Prede lav
                                       1.50
                                                                                                                                                  6396, 620
                                                                                                                                                                                          0.000
                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                     Pass
          Gate length:
2nd gate length:
                                     64. 00
64. 00
                                                                                                                                                 6368. 772
6411. 369
                                                                                                                                                                     503. 574
490. 586
                                                                                                                                                                                          0.000
0.000
                                                                                                                                                                                                            0.000
0.000
                                                                                                                                                                                                                     Pass
Pass
            High voltage:
Die away time:
Efficiency:
                                   1720
                                                                                                                                       10
                                                                                                                                                  6397, 888
                                                                                                                                                                     515 205
                                                                                                                                                                                          0.000
                                                                                                                                                                                                            0 000 Pass
                                       0.1620
 Multiplicity deadtime:
Coefficient A deadtime:
                                     86. 5000
0. 3458
 Coefficient B deadtime:
                                       0 0299
 Coefficient C deadtime:
  Doubles gate fraction:
                                       0.0001
                                                                                                                                                                                       (2)
                                                 (1)
```

202003_AFAS-B Collar_Back.txt 202003 AFAS-B Collar Back txt

INCC 5.1.2		
Facility:	JMOX	
Material balance area:	XXXX	
Detector type:	COLLAR-BWR	
Detector id:	AFASB	
Electronics id:	AMSR	
Measurement date:	20. 03. 02 11:20:31	
Results file name:	032L2031. RTS	Passive cycle rate
Inspection number:		
Item id:	K7-436 Btm	Cycle Singles
Measurement option:	Rates Only	1 6571, 182

Detector configuration: Passive Data source: QC tests: Shift register Error calculation: Sample method Accidentals method: Inspector name: Passive comment:

Predelay: 1.50 Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0.1970 Multiplicity deadtime: Coefficient A deadtime: 160.0000 0. 6419 Coefficient B deadtime: Coefficient C deadtime: 0. 1030 0. 0000 Doubles gate fraction: Triples gate fraction: 0.6825

Normalization constant: 1.0000 +-0.0000 6 925 +-Passive singles hkgrnd: 0 108 0. 007 +-0. 000 +-Passive doubles bkgrnd: Passive triples bkgrnd: 0.000 0. 000 0. 000 Passive scaler1 bkgrnd Passive scaler2 bkgrnd:

Number passive cycles: Count time (sec): 30

Results

e data Doub I es Triples QC Tests 6571. 182 564. 673 524. 038 36.876 Pass 23.364 Pass 6579. 767 3 6543 958 537 248 18, 860 Pass 6554. 914 5 6554, 647 540, 498 36, 720 Pass 24. 227 9. 627 21. 725 18. 631 6552. 209 6556. 785 522. 991 555. 027 Pass Pass 8 9 6580 168 539, 972 Pass Pass 10 6545, 962 542, 772 31, 246 Pass 11 12 6567. 407 6530. 630 538. 427 548. 189 19. 548 27. 911 Pass Pass 13 14 15 6531. 432 6571. 716 22. 165 28. 745 527. 938 Pass Pass 539, 988 6531, 632 18, 512 Pass 16 17 6533. 970 6531. 565 543. 772 550. 399 19. 485 25. 917 Pass Pass 526. 694 536. 543 20. 036 21. 056 Pass Pass 18 6516. 166 19 6539.816 20 6542, 922 548. 394 20.196 Pass

Singles:

Doubles:

Triples:

Quads/Triples: Scaler 1: Scaler 2:

Quads:

6548. 055 +-

540.824 +-

23. 321 +-0. 466 +-

-0. 023 +-0. 000 +-

0 000 +-

4.203 2. 479 1. 449 1. 216

0. 059 0. 000

0.000

(1) (2)

INCC 5.1.2 Facility: Material balance area: JMOX XXXX Detector type: Detector id: Electronics id: COLL AR-BWR AMSR

Measurement date: Results file name: 20. 03. 02 11:05:06 032L0506. RTS Inspection number: Item id: Measurement option: K7-436 Front

Rates Only Detector configuration:

Data source:

QC tests: Passive Shift register On Sample method Error calculation:

Accidentals method: Inspector name: Measured Passive comment: Predelay:

Gate length: 2nd gate length: 64 00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0.1970 Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: 160,0000 0.1030 Coefficient C deadtime: Doubles gate fraction: 0.0000 0.6825 Triples gate fraction: 0.4761

Normalization constant: 1 0000 +-0.0000 Passive singles bkgrnd: 6. 925 +-0.108 Passive doubles bkgrnd: Passive triples bkgrnd: 0. 007 +-0. 000 +-0.003 Passive scaler1 bkgrnd: 0.000

Passive scaler2 bkgrnd Number passive cycles: 20 30

Count time (sec):

Results

INCC 5.1.2

202003 AFAS-P Collar Back txt

(1)

JMOX XXXX Facility:

Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
Measurement date:
Results file name: COLLAR AFASP AMSR

20. 03. 02 15:26:39 032P2639. RTS

Inspection number:
Item id:
Measurement option:
Detector configuration: K7-436 Back Rates Only Passive Data source: QC tests: Shift register Error calculation: Sample method

Accidentals method: Inspector name: Passive comment: Predelay: 1.50

Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: Efficiency: 1720 50. 0000 0.1620 Multiplicity deadtime: Coefficient A deadtime: 86. 5000 0. 3458 Coefficient B deadtime: Coefficient C deadtime: 0. 0299 0. 0000 Doubles gate fraction: Triples gate fraction: 0.6599

Normalization constant: 1.0000 +-0.0000

Passive singles hkornd 9 937 +-0 175 0. 010 +-0. 000 +-Passive doubles bkgrnd: Passive triples bkgrnd: 0.000 0. 000 0. 000 Passive scaler1 bkgrnd: Passive scaler2 bkgrnd:

Number passive cycles: Count time (sec): 30

Results

Passive cycle rate data

Singles Doub I es Triples QC Tests Cycle 6276, 646 473. 117 494. 296 15.657 Pass 20.100 Pass 6270. 973 14. 042 14. 689 6270 372 474 352 Pass 459, 418 6255, 623 14. 793 Pass 6291. 762 6275. 645 485. 747 486. 580 8. 833 22. 343 Pass Pass 26. 032 25. 265 25. 300 8 6236 602 478, 456 Pass Pass 496, 167 10 6276, 512 Pass

Singles:

Doubles:

Triples:

Scaler 2:

Quads/Triples: Scaler 1:

Quads:

6503.762 +-536, 479 +-

24. 770 +-1. 018 +-

0 007 +-

0.000 +-

Triples QC Tests

Pass

Pass

Pass Pass

Pass

Pass

Pass

Pass

Pass Pass

Pass Pass

Pass Pass

10.106 Pass

17. 730 28. 979 Pass

30. 655 24. 605

29. 585 27. 314

31.251

16. 009 21. 087 Pass Pass

38. 872 34. 999 27. 174 15. 348 36. 855

23. 135 24. 338

16.858 Pass

17. 802

22.657

(2)

202003_AFAS-P Collar_Back.txt

6274. 083 +-

485.081 +-

19. 087 +-

0. 610 +-

0. 025 +-0. 000 +-

0 000 +-

2. 590 1. 322

0.641

0.036

0.000

3.344

1. 733

0 039

0.000

Doubles:

Triples:

Scaler 2:

Doubles

516.044

539. 500 532. 353

529, 237

533. 514 538. 505

565, 385

501. 850 547. 320

550.832

520. 021

531.078

534. 884 559. 129

535. 558 554. 977

529.031

529. 209 546. 930

Quads/Triples: Scaler 1:

Passive cycle rate data

Singles

6500, 133

6475. 882 6523. 081

6513 294

6509. 018

6489.611

6504.074

6495. 657 6534. 405

6527 089

6513.427

6483. 866

6514. 730

6496. 759 6511. 390

6499, 198

6527. 724 6473. 277

Cycle

6

8 9 10

11 12

13 14 15

16 17

18

20

Quads:

11 12 6272. 608 6266. 301 500. 476 492. 458 17. 857 21. 780 Pass Pass 28. 253 20. 866 13 14 6297 001 490, 592 Pass Pass 15 496, 971 18, 443 Pass 6286, 690 16 17 6260. 261 6279. 682 496. 566 480. 467 25. 991 13. 402 Pass Pass

464. 829 476. 995 12. 280 10. 090 Pass Pass 18 6253. 587 6291.362 19 20 6272.374 488, 483 25, 680 Pass

(1) (2)

4. 098 2. 240 1. 388 0. 540

0. 050 0. 000

0.000

6265. 732 +-486. 772 +-

18. 504 +-0. 536 +-

-0 007 +-

0.000 +-0.000 +-

Triples QC Tests 15.015 Pass

16. 744 Pass 24. 155 Pass 15. 828 Pass 15. 102 Pass 16. 238 Pass 14. 988 Pass 15. 176 Pass 18. 529 Pass 23. 282 Pass 23. 896 Pass 2. 653 Pass 29. 718 Pass 29. 718 Pass 29. 718 Pass 19. 156 Pass 19. 156 Pass 19. 156 Pass

28. 086 Pass 15. 223 Pass

INCC 5.1.2

Doubles: Facility: Material balance area: Detector type: Detector id: Electronics id: JMOX XXXX Triples: Quads: Quads/Triples: Scaler 1: Scaler 2: COLLAR AFASP AMSR Measurement date: Results file name: 20. 03. 02 15:14:26 032P1426. RTS Passive cycle rate data Inspection number: Item id: Measurement option: Doubles 502. 044 488. 213 488. 686 Cycle Singles Rates Only 6260. 028 Detector configuration:
Data source:
QC tests:
Error calculation: Passive Shift register 6255. 890 6286. 390 On Sample method 6269. 671 6267. 402 491. 623 501. 511 6266. 668 6289. 426 6252. 219 478. 928 493. 865 479. 561 Accidentals method: Inspector name: Measured JAEA 6 7 Passive comment: 8 9 10 11 12 13 14 15 16 17 6252. 219 6276. 546 6274. 844 6315. 054 6263. 965 6245. 545 490. 422 476. 859 Predelay: Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency: 495. 105 485. 409 477. 689 64. 00 64. 00 1720 477. 689 470. 574 477. 387 475. 083 507. 122 483. 907 492. 259 479. 193 50. 0000 0. 1620 6247. 414 6240. 340 Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: 6240. 340 6241. 841 6260. 695 6274. 477 6276. 145 6250. 084 86. 5000 0. 3458 0. 0299 18 19 0. 0000 0. 6599 20 0. 4260 Normalization constant: 1.0000 +-0.0000 9. 937 +-Passive singles bkgrnd: 0.175 Passive doubles bkgrnd: Passive triples bkgrnd: 0. 010 +-0. 000 +-0.004 Passive scaler1 bkgrnd: Passive scaler2 bkgrnd: 0.000 Number passive cycles: Count time (sec): 20 30

Results

【AFAS 性能確認試験】

(3) 2.4 AFAS の機器の異常検知方法の検討

201906_AFAS-B Bottom Fork_Position1.txt

(1)

```
0.000 +-
0.692
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                 Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                    0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                  Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                                    Number passive cycles:
                                                                                                                                                                                                                                                                                                Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                               Passive error messages
                                                             19. 06. 26 09:42:09
96QJ4209. VER
                                                                                                                                                                                                                                                                               No known alpha calibration
             Results
                                                             BB1 201906
                                                                                                                                                                                                                                                                                                                                           Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                       44.839 +-
                                                                                                                                                                                                                                                                                                                                                                                                                         0.187
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                    -0.018 +-
0.000 +-
111.028 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                         0. 020
0. 000
0. 399
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                               Passive cycle raw data
                                                                                                                                                                                                                                                                                                 Singles
                                                                                                                                                                                                                                                                                                                                                                                   Scaler 1
6639
6752
6758
                                                                                                                                                                                                                                                                                                                                                                                                             Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                Cycle
                                                                                                                                                                                                                                                                                                                                                                    7
13
4
                                                                                                                                                                                                                                                                                                         2661
2700
2682
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                         6734
6619
6693
6728
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                         2738
2787
2753
2712
                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                         10
8
7
                                                                                                                                                                                                                                                                                                                                                                    15
11
6
5
11
7
                                                                                                                                                                                                                                                                                                                                                                                                                           0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
                                                                                                                                                                                                                                                                                     8
9
10
                                          Pu241:
                                                                                                                                                                                                                                                                                                         2717
                                          Pu242:
                                                                                                                                                                                                                                                                                                         2714
2713
                                                                                                                                                                                                                                                                                                                                                                                          6770
6785
                                     Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000
00. 01. 01
                                                                                                                       19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                               0.0000
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                               Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                           Doubles
0. 033
-0. 117
0. 050
-0. 083
-0. 050
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                         Singles
43.894
                                                                                                                                                                                                                                                                                                                                                                             Triples
                                                                                                                                                                                                                                                                               Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                    Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                                                 0.000
0.000
0.000
0.000
0.000
                                                                64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                            44. 544
44. 244
45. 177
45. 994
45. 427
44. 744
44. 827
44. 777
44. 760
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                      6
7
                                                                                                                                                                                                                                                                                                                                               0. 017
0. 067
                                                                                                                                                                                                                                                                                                                                              -0. 083
0. 017
-0. 033
                                                                       1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.456 +-
0.000 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                        (2)
```

	201906_AFAS-B Bottom Fo	ork_Position2.t	xt			201906	_AFAS-B	Bottom Fork	_Position2.txt
INCC 5. 1. 2				Passiv	re triples bk re scaler1 bk	grnd: 0.	000 +-	0.000	
Facility: Material balance area: Detector type:	JM2G JSR_02			Numbe	re scaler2 bk	cles:	10		
Detector id: Electronics id: Inventory change code:	JSR_02 JSR-12				Count time (e error messa	•	60		
I/O code: Measurement date: Results file name:	19. 06. 26 09:59:13 96QJ5913. VER			No know	ın alpha cali	bration			
Inspection number: Item id: Stratum id:	BB2 201906 XXXX			Results	\$	Single		68, 677 -	⊢ 0. 270
Material type: Original declared mass: Measurement option: Data source: QC tests:	Pu 0.000 Verification Review disk file On					Double Triple Scaler Scaler	es: es: 1:	-0. 005 - 0. 000 - 189. 790 - 0. 000 -	─ 0.037─ 0.000─ 0.573
Error calculation: Accidentals method:	Sample method Measured				cycle raw d				
Inspector name: Passive comment:				Cycle 1 2	Singles 4049 4224	R+A 11 26	A 21 24	Scaler1 11383 11633	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default CO	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.06.26 0.0000 +-	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	3 4 5 6 7 8 9	4083 4141 4174 4147 4174 4134 4160 4194	23 17 19 26 18 6 20	14 21 20 21 16 19 13 17	11559 11516 11430 11406 11384 11313 11375 11290	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Am date:	00.01.01	19. 06. 26	0.0000	Passive	cycle rate	data			
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000	0		Cycle 1 2 3 4 5 6 7 8 9	Singles 67, 027 69, 944 67, 594 68, 560 69, 110 68, 660 69, 110 68, 444 68, 877 69, 444	Double: -0. 16 0. 03: 0. 15: -0. 06 -0. 01 0. 08: 0. 03: -0. 21: 0. 11	7 3 0 7 7 3 3 7	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 +- 0.000 0.456 +- 0.000								
Passive doubles bkgrnd:	0.000 + 0.000								

(2)

201906_AFAS-B Bottom Fork_Position3.txt

```
0.000 +-
0.692
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                         Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                               0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                         Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                                            Number passive cycles:
                                                                                                                                                                                                                                                                                                        Count time (sec)
                                                               JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                      Passive error messages
                                                               19. 06. 26 10:15:18
96QK1518. VER
                                                                                                                                                                                                                                                                                      No known alpha calibration
             Results
                                                               BB3 201906
                                                                                                                                                                                                                                                                                                                                                    Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                               255, 922 +-
                                                               XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                    0.448
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                  0. 027 +-
0. 000 +-
60. 643 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                    0. 115
0. 000
0. 222
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                      Passive cycle raw data
                                                                                                                                                                                                                                                                                                         Singles
15378
15282
15515
                                                                                                                                                                                                                                                                                                                                          R+A
266
256
259
257
282
261
267
242
266
299
                                                                                                                                                                                                                                                                                                                                                                        A
266
273
270
                                                                                                                                                                                                                                                                                                                                                                                             Scaler 1
3683
3634
3724
                                                                                                                                                                                                                                                                                                                                                                                                                        Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                       Cycle
                          Isotopics id: Default
                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                    3694
3733
3713
3652
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                 15253
                                                                                                                                                                                                                                                                                                                                                                           281
256
235
264
270
258
266
                                                                                                                                                                                                                                                                                                                                                                                                                                      0
0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                            0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                15383
15310
15484
                                                                                                                                                                                                                                                                                                                15417
15441
15364
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
                                                                                                                                                                                                                                                                                            8
9
10
                                                                                                                                                                                                                                                                                                                                                                                                    3703
                                            Pu241:
                                            Pu242:
                                                                                                                                                                                                                                                                                                                                                                                                    3664
3601
                                      Pu242:
Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                           19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                                  0.0000
                                                                                                                                                             0.0000
                                                                                                                                                                                                                                                                                      Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                       Triples
0.000
0.000
0.000
0.000
0.000
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                  Singles
255.844
                                                                                                                                                                                                                                                                                      Cvcle
                                                                                                                                                                                                                                                                                                                                                     Doubles |
                                                                                                                                                                                                                                                                                                                                                                                                                               Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                        0. 000
-0. 283
-0. 183
-0. 400
0. 433
0. 050
-0. 467
0. 133
0. 550
                                                                  64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                  254. 244
258. 127
253. 760
255. 927
                                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                  254. 710
257. 610
256. 494
256. 894
255. 610
                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                              6
7
                                                                         1.0000 +-
                                                                                                          0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.456 +-
0.000 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                   (2)
```

	201906_AFAS-B Bottom Fork_Position4.txt			201906	6_AFAS-I	B Bottom Fork	_Position4.txt
INCC 5. 1. 2		Passiv	ve triples bk ve scaler1 bk	grnd: 0	. 000 +- . 692	0.000	
Facility: Material balance area: Detector type:	JMOX JM2G JSR 02		ve scaler2 bk; er passive cy	-	. 000		
Detector id: Electronics id:	JSR_02		Count time (sec):	60		
Inventory change code: I/O code: Measurement date:	19. 06. 26 10:31:22		e error messa; wn alpha calil	_			
Results file name: Inspection number:	96QK3122. VER	Results		or de ron			
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	Pu			Singl Doubl Tripl Scaler Scaler	es: es: 1:	988. 385 4. 303 0. 000 48. 333 0. 000	← 0. 446 ← 0. 000 ← 0. 303
Error calculation: Accidentals method:	Sample method Measured	Passive	e cycle raw d	ata			
Inspector name: Passive comment:		Cycle 1 2	Singles 59519 59095	R+A 3938 3890	A 3710 3800	Scaler1 2966 2900	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am741:	Default C0 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.001.01 10.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000	3 4 5 6 7 8 9	59356 59072 59317 59311 59105 59300 59638 59592	4054 3949 4058 3932 3949 4099 3946 3988	3739 3758 3722 3739 3605 3777 3713 3658	2832 2919 2939 2961 2979 2912 2956 3051	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Am date:	00. 01. 01 19. 06. 26	Passive	e cycle rate	data			
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient G deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0060 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	Cycle 1 2 3 4 5 6 7 8 9 10	Singles 991, 527 984, 460 988, 810 984, 077 988, 160 988, 060 984, 627 987, 877 993, 510 992, 744	Double 3. 80 1. 50 5. 25 3. 18 5. 60 3. 21 5. 73 5. 36 3. 88 5. 50	0 0 0 3 0 7 3 7	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 ← 0.0000 0.456 ← 0.000						
Passive doubles bkgrnd:	0.406 +- 0.000 0.000 +- 0.000						

201906_AFAS-B Bottom Fork_Position5.txt

```
0.000 +-
0.692
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                   Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                        0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                    Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                                      Number passive cycles:
                                                                                                                                                                                                                                                                                                   Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                 Passive error messages
                                                             19. 06. 26 10:47:26
96QK4726. VER
                                                                                                                                                                                                                                                                                 No known alpha calibration
             Results
                                                             BB5 201906
                                                                                                                                                                                                                                                                                                                                              Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                     3017, 592 +-
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                            2.004
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                          32. 440 +-
0. 000 +-
52. 133 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                            1. 270
0. 000
0. 191
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                                 Passive cycle raw data
                                                                                                                                                                                                                                                                                                    Singles
181126
181733
181275
                                                                                                                                                                                                                                                                                                                                    R+A
36841
37360
37210
                                                                                                                                                                                                                                                                                                                                                                                      Scaler 1
3237
3164
3141
                                                                                                                                                                                                                                                                                                                                                                                                                Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                  Cycle
                                                                                                                                                                                                                                                                                                                                                               A
35081
35099
35305
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                    37021
36712
37155
36868
37667
                                                                                                                                                                                                                                                                                                                                                               35297
34864
35279
35056
35310
35275
34811
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                            3226
3180
3174
3128
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                        181054
                                                                                                                                                                                                                                                                                                                                                                                                                              0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                         0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                        180577
181162
181084
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                        181450
                                           Pu241:
                                                                                                                                                                                                                                                                                                                                                                                             3156
                                           Pu242:
                                                                                                                                                                                                                                                                                                        180933
180435
                                                                                                                                                                                                                                                                                                                                     36975
37032
                                                                                                                                                                                                                                                                                                                                                                                             3144
3145
                                     Pu242:
Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                         19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                                                                                                                                                                                                                       10
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                 Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                          Singles
3018.310
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                                                             Doubles 29, 333 37, 683 31, 750 28, 733 30, 800 31, 267 30, 200 39, 283 28, 333 37, 017
                                                                                                                                                                                                                                                                                 Cvcle
                                                                                                                                                                                                                                                                                                                                                                                 Triples
                                                                                                                                                                                                                                                                                                                                                                                                                       Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                          3028. 427
3020. 794
3017. 110
3009. 160
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                         3018. 910
3017. 610
3023. 710
3015. 094
3006. 794
                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                        6
7
                                                                        1.0000 +-
 Normalization constant:
                                                                                                        0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.456 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                            (2)
```

	201906_AFAS-B Bottom Fork_Position6.txt		201906_AFAS-B B	Bottom Fork_Position6.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd Passive scaler1 bkgrnd Passive scaler2 bkgrnd	: 0. 692	0.000
Material balance area: Detector type: Detector id: Electronics id:	JM26 JSR_02 JSR_02 JSR-12	Number passive cycles Count time (sec)		
Inventory change code: I/O code:	03N-12	Passive error messages		
Measurement date: Results file name:	19. 06. 26 11:12:33 96QL1233. VER	No known alpha calibrat	ion	
Inspection number: Item id:	BB6 201906	Results		
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file On		Singles: Doubles: Triples: Scaler 1: Scaler 2:	39. 110 +- 0. 229 -0. 010 +- 0. 021 0. 000 +- 0. 000 2593. 083 +- 1. 409 0. 000 +- 0. 000
Error calculation: Accidentals method:	on Sample method Measured	Passive cycle raw data		
Inspector name: Passive comment:	measureu	Cycle Singles R+4 1 2442 2 2404	A A 0 6 8 6	Scaler1 Scaler2 QC Tests 156035 0 Pass 155845 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu299: Pu240: Pu241: Pu242: Pu date: Am241:	Default C0 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0101 19.06.26 0.0000 ← 0.0000 ← 0.0000	2 2331 3 2331 4 2416 5 2404 6 2388 7 2335 8 2327 9 2374 10 2319	6 9 6 2 7 1 6 11 6 7 7 6 7 7 4 3	155155
Am date:		Passive cycle rate data		
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 1720 50. 0000 0. 0060 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001 1. 0001 1. 0000 ← 0, 0000	Cycle Singles 1 40.244 2 39.610 3 38.394 4 39.810 5 39.610 6 39.344 7 38.460 8 38.327 9 39.110 10 38.194	Doubles Tr -0. 100 0. 033 -0. 050 0. 067 -0. 083 -0. 083 0. 083 0. 017 0. 0017	riples Mass QC Tests 0.000 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0. 456 +- 0. 000 0. 000 +- 0. 000			

201906_AFAS-B Bottom Fork_Position7.txt

```
0.000 +-
0.692
INCC 5. 1. 2
                                                                                                                                                                                                                                                                    Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                  0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                    Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                      0.000
                                                                                                                                                                                                                                                                      Number passive cycles:
                                                                                                                                                                                                                                                                                  Count time (sec)
                                                          JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                  Passive error messages
                                                          19.06.26 13:24:08
96QN2408.VER
                                                                                                                                                                                                                                                                  No known alpha calibration
            Results
                                                          BB7 201906
                                                                                                                                                                                                                                                                                                                           Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                          XXXX
                                                                                                                                                                                                                                                                                                                                                                     35, 299 +-
                                                                                                                                                                                                                                                                                                                                                                                                     0.264
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                         Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                  -0. 015 +-
0. 000 +-
887. 498 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                     0. 013
0. 000
1. 112
                                                                                                                                                                                                                                                                                                                                                                                                     0.000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          On
Sample method
Measured
                                                                                                                                                                                                                                                                  Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                 Scaler 1
53446
53146
53357
                                                                                                                                                                                                                                                                                                                                                                                          Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                  Cycle
                                                                                                                                                                                                                                                                                           2123
2171
2167
                        Isotopics id: Default
                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                           2152
                                                                                                                                                                                                                                                                                                                                                                     53155
                                                                                                                                                                                                                                                                                                                                                                                                       0
0
0
0
0
0
                                                                                          0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                  0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                  0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                           2084
2188
2049
2209
                                                                                                                                                                                                                                                                                                                                                                     53499
53523
52966
                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
                                                                                                                                                                                                                                                                       8
9
10
                                        Pu241:
                                                                                                                                                                                                                                                                                                                                                                     52988
                                        Pu242:
                                                                                                                                                                                                                                                                                           2125
2185
                                                                                                                                                                                                                                                                                                                                                                     53475
53359
                                   Pu date:
Am241:
Am date:
                                                          00. 01. 01
0. 0000
00. 01. 01
                                                                                                                  19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                          0.0000
                                                                                                                                                  0.0000
                                                                                                                                                                                                                                                                  Passive cycle rate data
                Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                           Doubles
0. 017
-0. 017
0. 000
0. 067
0. 017
                                                                 1.50
64.00
                                                                                                                                                                                                                                                                                           Singles
                                                                                                                                                                                                                                                                                                                                                           Triples
                                                                                                                                                                                                                                                                                                                                                                                               Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                  Cvcle
                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                             34, 927
                                                             64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                             35. 727
35. 660
35. 410
34. 277
                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                              -0. 050
-0. 050
-0. 033
-0. 083
-0. 017
                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                        6
7
                                                                                                                                                                                                                                                                                             36. 010
33. 694
                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
                                                                                                                                                                                                                                                                                             36. 360
34. 960
35. 960
                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                   1.0000 +-
                                                                                                  0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                   0.456 +-
0.000 +-
                                                                                                   (1)
                                                                                                                                                                                                                                                                                                                                                                      (2)
```

	201906_AFAS-B Bottom Fork_Position8.txt	201906_AFAS-B Bottom Fork_Position8.txt
INCC 5. 1. 2	May	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.692
Facility: Material balance area: Detector type: Detector id:	JM2G JSR_02	Passive scaler2 bkgrnd: 0.000 Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:	96QN4012. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification	Singles: 50.259 ++ 0.285
QC tests: Error calculation: Accidentals method:	Sample method	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 3011 9 13 15509 0 Pass 2 3127 10 5 15688 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu date: Am241:		3 3056 14 12 15791 0 Pass 4 3026 12 11 15715 0 Pass 5 3076 9 9 15777 0 Pass 7 3096 12 7 15789 0 Pass 8 2971 5 11 15600 0 Pass 9 2971 13 8 15775 0 Pass 10 3006 11 16 15888 0 Pass
	00. 01. 01 19. 06. 26	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 1720 50. 0000 0. 0060 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	Cycle Singles Doubles Triples Mass QC Tests 1 49.727 -0.067 0.000 0.000 0.000 Pass 2 51.660 0.083 0.000 0.000 0.000 Pass 3 50.477 0.033 0.000 0.000 Pass 4 49.977 0.017 0.000 0.000 0.000 Pass 5 50.810 0.000 0.000 0.000 Pass 0.000 Pass 6 51.027 -0.117 0.000 0.000 0.000 Pass 7 51.144 0.083 0.000 0.000 Pass 9 49.060 -0.083 0.000 0.000 Pass 10 49.644 -0.083 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1. 0000 +- 0. 0000 0. 456 ← 0. 000	
Passive doubles bkgrnd:	0.000 +- 0.000	

201906_AFAS-B Bottom Fork_Position9.txt

```
0.000 +-
0.692
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                      Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                           0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                                                         Number passive cycles:
                                                                                                                                                                                                                                                                                                     Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                    Passive error messages
                                                              19.06.26 13:55:16
96QN5516.VER
                                                                                                                                                                                                                                                                                    No known alpha calibration
             Results
                                                              BB9 201906
                                                                                                                                                                                                                                                                                                                                                 Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                            168, 892 +-
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                0.431
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                            0. 125 +-
0. 000 +-
106. 375 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                0. 050
0. 000
0. 626
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                    Passive cycle raw data
                                                                                                                                                                                                                                                                                                        Singles
10174
10289
10211
                                                                                                                                                                                                                                                                                                                                                                                          Scaler 1
6509
6529
6378
                                                                                                                                                                                                                                                                                                                                                                                                                     Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                        R+A
116
113
120
127
108
113
137
120
106
112
                                                                                                                                                                                                                                                                                                                                                                        A
99
112
100
                          Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                                6482
6410
6213
6358
6639
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                             10081
10065
10250
10207
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                                   0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                          0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
                                                                                                                                                                                                                                                                                          8
9
10
                                                                                                                                                                                                                                                                                                                                                                         111
                                           Pu241:
                                                                                                                                                                                                                                                                                                             10183
                                           Pu242:
                                                                                                                                                                                                                                                                                                             10069
10080
                                                                                                                                                                                                                                                                                                                                                                         106
110
                                                                                                                                                                                                                                                                                                                                                                                                 6351
6371
                                     Pu242:
Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000
00. 01. 01
                                                                                                                          19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                     Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                   Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                 Doubles
0. 283
0. 017
0. 333
0. 083
0. 000
                                                                                                                                                                                                                                                                                                               Singles
169.110
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                    Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                           Mass QC Tests
0.000 Pass
                                                                 64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                171. 027
169. 727
167. 560
167. 294
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                     -0. 050
0. 400
0. 150
0. 000
0. 033
                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                           6
7
                                                                                                                                                                                                                                                                                                                170. 377
169. 660
                                                                                                                                                                                                                                                                                                                169. 260
167. 360
167. 544
                                                                        1.0000 +-
                                                                                                         0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.456 +-
0.000 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                                (2)
```

	201906_AFAS-B Bottom Fe	ork_Position10.	txt				201906	_AFAS-B	Bottom Fork	_Position10.txt
INCC 5.1.2 Facility:	JMOX				Passiv	e triples bk; e scaler1 bk; e scaler2 bk;	grnd: (. 000 +- . 692 . 000	0.000	
Material balance area: Detector type: Detector id:	JM2G JSR_02 JSR_02				Numbe	r passive cy Count time (cles:	10 60		
Electronics id: Inventory change code: I/O code:	J3R-12			F	assive	error messa	ges			
Measurement date: Results file name: Inspection number:	19. 06. 26 14:12:21 96Q01221. VER				lo know Results	n alpha calil	bration			
Inspection Humber. Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	Pu 0.000 Verification Review disk file			r	iesu i Ls		Singl Doubl Tripl Scaler Scaler	es: es: 1:	102. 067 -0. 047 0. 000 85. 741 0. 000	← 0. 025 ← 0. 000 ← 0. 460
Error calculation: Accidentals method: Inspector name: Passive comment:	Sample method Measured				assive Cycle 1	Singles 6083	ata R+A 31	A 41	Scaler1 5209	Scaler2 QC Tests 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	C0	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.06.26 0.0000 +- 19.06.26	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	F	2 3 4 5 6 7 8 9	6002 6283 6274 6109 6121 6102 6149 6160 6231	41 46 39 44 40 36 39 42 40	39 46 47 46 46 43 34 42 42	5263 5117 5137 5139 5386 5164 5084 5150 5211	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	3,000			Sycle 1 2 3 4 5 6 7 8 9	Singles 100. 927 99. 577 104. 260 104. 110 101. 360 101. 560 101. 244 102. 027 102. 210 103. 394	Doub l 6 -0. 16 0. 03 0. 00 -0. 13 -0. 03 -0. 11 -0. 03 -0. 10 -0. 11 0. 08	7 3 0 3 3 3 0 7 7 3 0	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1. 0000 +- 0. 000 0. 456 +- 0. 000									
Passive doubles bkgrnd:	0.000 + 0.000									

```
201906_AFAS-B Collar_Position1.txt
                                                                                                                                                                                                                                                                                                                        201906_AFAS-B Collar_Position1.txt
                                                                                                                                                                                                                                                                                                                           0. 000 +-
0. 504
INCC 5. 1. 2
                                                                                                                                                                                                                                                           Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                      0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                           Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                             Number passive cycles:
                                                                                                                                                                                                                                                                        Count time (sec)
   Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                         Passive error messages
                                                        19. 06. 26 09:42:09
96QJ4209. VER
                                                                                                                                                                                                                                                         No known alpha calibration
            Results
                                                        BC1 201906
                                                                                                                                                                                                                                                                                                                Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                        XXXX
                                                                                                                                                                                                                                                                                                                                                    1495, 614 +-
                                                                                                                                                                                                                                                                                                                                                                                       1, 150
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                       Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                    8. 191 +-
0. 000 +-
2887. 503 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                       0. 572
0. 000
3. 433
0. 000
         QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                        On
Sample method
Measured
                                                                                                                                                                                                                                                         Passive cycle raw data
                                                                                                                                                                                                                                                                          Singles
90200
                                                                                                                                                                                                                                                                                                        R+A
9212
9121
9100
                                                                                                                                                                                                                                                                                                                                                    Scaler1
173499
173401
174096
                                                                                                                                                                                                                                                                                                                                                                            Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                         Cycle
                                                                                                                                                                                                                                                                                                                                 A
8943
8570
8617
                                                                                                                                                                                                                                                                                89800
90014
                       Isotopics id: Default
                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                 8615
8702
8459
8454
8648
   Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                         9112
9294
8951
9067
                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                89686
                                                                                                                                                                                                                                                                                                                                                       173461
                                                                                                                                                                                                                                                                                                                                                                                         0
0
0
0
0
0
                                                                                       0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                90121
89733
89870
                                                                                                                                                                                                                                                                                                                                                      174066
173209
172755
                                                                                                                                                                                                                                                                                                         9124
9167
9156
                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
                                       Pu241:
                                                                                                                                                                                                                                                               8
                                                                                                                                                                                                                                                                                90338
                                                                                                                                                                                                                                                                                                                                                       172053
                                       Pu242:
                                                                                                                                                                                                                                                                                90092
                                                                                                                                                                                                                                                                                                                                   8582
                                                                                                                                                                                                                                                                                                                                                      173684
172580
                                  Pu242:
Pu date:
Am241:
Am date:
                                                        00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                              19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                                                                                                                                                                                              10
                                                                                                                                                                                                                                                                                90153
                                                                                       0.0000
                                                                                                                                            0.0000
                                                                                                                                                                                                                                                         Passive cycle rate data
                Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                               Doubles
4. 484
9. 188
8. 054
8. 287
9. 872
                                                              1.50
64.00
                                                                                                                                                                                                                                                                                Singles
1498. 938
                                                                                                                                                                                                                                                                                                                                               Triples
                                                                                                                                                                                                                                                                                                                                                                                  Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                         Cvcle
                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                           64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                1492. 268
1495. 836
1490. 367
1497. 620
                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                               6
7
                                                                                                                                                                                                                                                                                1491.151
                                                                                                                                                                                                                                                                                                                   8. 204
10. 223
                                                                                                                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                                1493 435
                                                                                                                                                                                                                                                                                1501. 239
1497. 137
1498. 154
                                                                                                                                                                                                                                                                                                                    7. 937
9. 755
5. 902
                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                 1.0000 +-
                                                                                              0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                 4. 758 +-
0. 004 +-
                                                                                                (1)
                                                                                                                                                                                                                                                                                                                                                          (2)
```

	201906_AFAS-B Collar_Position2.txt		201906_AFAS-	B Collar_Position2.txt
INCC 5. 1. 2		Passive triples bkgrr Passive scaler1 bkgrr	nd: 0. 504	0. 000
Facility: Material balance area:	JMOX JM2G	Passive scaler2 bkgrr		
Detector type: Detector id: Electronics id:	JSR_01 JSR_01 JSR-12	Number passive cycle Count time (sec		
Inventory change code: I/O code:	USN-12	Passive error messages	s	
Measurement date: Results file name:	19. 06. 26 10:00:14 96QK0014. VER	No known alpha calibra	ation	
Inspection number: Item id:	BC2 201906	Results	0	0000 704
Stratum id: Material type: Original declared mass: Measurement option:	XXXX Pu 0.000 Verification		Singles: Doubles: Triples: Scaler 1:	3986.764 +- 2.428 60.907 +- 2.074 0.000 +- 0.000 711.319 +- 0.888
Data source: QC tests: Error calculation:	Review disk file On Sample method	Passive cycle raw data	Scaler 2:	0.000 +- 0.000
Accidentals method: Inspector name: Passive comment:	Measured	Cycle Singles F 1 239111 6	R+A A 64611 61158	Scaler1 Scaler2 QC Tests 42924 0 Pass
Isotopics id: Isotopics source code: Pu238:	Default CO 0.0000 +- 0.0000 0.0000 +- 0.0000	3 239807 6 4 239815 6 5 238917 6	64629 60719 65450 61527 64572 61606 64687 60399	42768 0 Pass 42825 0 Pass 42480 0 Pass 42854 0 Pass
Pu239: Pu240: Pu241: Pu242:	0.0000 + 0.0000 0.0000 + 0.0000 100.0000 + 0.0000 100.0000 + 0.0000 0.0000 + 0.0000 0.0000 + 0.0000 0.0000 + 0.0000 0.0000 + 0.0000	7 239584 6 8 239713 6	65075 61662 65047 61264 65312 61349 64125 60679	42465 0 Pass 42587 0 Pass 42860 0 Pass 42760 0 Pass
Pu date: Am241: Am date:	00.01.01		64687 61379	42571 0 Pass
Predelay: Gate length: 2nd gate length:	1. 50 64. 00 64. 00	Cycle Singles 1 3982.976 2 3979.154	57. 694 65. 330	riples Mass QC Tests 0.000 0.000 Pass 0.000 0.000 Pass
High voltage: Die away time: Efficiency: Multiplicity deadtime:	1720 50. 0000 0. 1970 160. 0000	3 3994. 591 4 3994. 724 5 3979. 738 6 3995. 592	65. 547 49. 556 71. 646 57. 026	0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass
Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction:	0. 6419 0. 1030 0. 0000 0. 0001	7 3990. 869 8 3993. 022 9 3975. 917 10 3981. 057	63. 208 66. 216 57. 576 55. 271	0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass
Triples gate fraction: Normalization constant:	0.0001 1.0000 ← 0.0000			
Passive singles bkgrnd: Passive doubles bkgrnd:	4.758 ← 0.000 0.004 ← 0.000			

```
0.000 +-
0.504
INCC 5. 1. 2
                                                                                                                                                                                                                                                                              Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                 0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                               Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                 Number passive cycles:
                                                                                                                                                                                                                                                                                             Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                            Passive error messages
                                                            19.06.26 10:16:18
96QK1618. VER
                                                                                                                                                                                                                                                                            No known alpha calibration
             Results
                                                            BC3 201906
                                                                                                                                                                                                                                                                                                                                        Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                             55527, 555 +-
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                   13, 542
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                             11909. 386 +-
0. 000 +-
177. 241 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                   46. 674
0. 000
0. 510
                                                                                                                                                                                                                                                                                                                                                                                                                     0.000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                            Passive cycle raw data
                                                                                                                                                                                                                                                                                               Singles
3300014
                                                                                                                                                                                                                                                                                                                       R+A
12299714
12354556
12324947
                                                                                                                                                                                                                                                                                                                                                                               Scaler1
10714
10649
10603
                                                                                                                                                                                                                                                                                                                                                                                                         Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                             Cycle
                                                                                                                                                                                                                                                                                                                                                 A
11619833
11666855
11637643
                                                                                                                                                                                                                                                                                               3307246
3302811
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                               3299839
3302225
3299812
3303740
3300065
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                    10645
10826
10635
10711
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                        12304408
                                                                                                                                                                                                                                                                                                                                                  11620270
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0
0
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0
0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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12325523
12311470
12348601
12307997
12354750
12318618
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11631257
11622581
11644060
11616827
11654278
11641546
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
                                          Pu241:
                                                                                                                                                                                                                                                                                                                                                                                    10556
                                          Pu242:
                                                                                                                                                                                                                                                                                               3305065
3302997
                                                                                                                                                                                                                                                                                                                                                                                    10789
10519
                                    Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                      19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                                                                                                                                                                                                                  10
                                                                                              0.0000
                                                                                                                                                        0.0000
                                                                                                                                                                                                                                                                            Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                         Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                  Singles
55487.387
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                            Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                    Doubles
11742, 199
                                                               64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                  55610. 093
55534. 843
55484. 418
55524. 901
                                                                                                                                                                                                                                                                                                                                    11878. 193
11870. 763
11815. 699
11990. 931
                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                   6
7
                                                                                                                                                                                                                                                                                                  55483. 960
55550. 606
                                                                                                                                                                                                                                                                                                                                     11897. 750
12168. 595
                                                                                                                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                                                  55488. 252
55573. 087
55537. 999
                                                                                                                                                                                                                                                                                                                                    11937. 178
12098. 491
11694. 065
                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
 Normalization constant:
                                                                                                     0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      4. 758 +-
0. 004 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                     (2)
```

	201906_AFAS-B Collar_Position4.txt	201906_AFAS-B Collar_Position4.txt	
INCC 5. 1. 2		Passive triples bkgrnd: $0.000 \leftarrow 0.000$ Passive scaler1 bkgrnd: 0.504	
Facility: Material balance area: Detector type:	JMOX JM2G JSR 01	Passive scaler2 bkgrnd: 0.000 Number passive cycles: 10	
Detector id: Electronics id:	JSR_01	Count time (sec): 60	
Inventory change code: I/O code: Measurement date:	19. 06. 26 10:32:22	Passive error messages No known alpha calibration	
Results file name: Inspection number:	960K3222. VER	No known alpha calibration Results	
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	BC4 201906 XXXX Pu 0.000 Verification Review disk file	Singles: 7134.777 ← 3.903 Doubles: 195.502 ← 1.767 Triples: 0.000 ← 0.000 Scaler 1: 60.288 ← 0.398 Scaler 2: 0.000 ← 0.000	
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data	
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tes 1 427852 207114 195394 3588 0 Pass 2 427405 207006 194885 3568 0 Pass	ts
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 0.01.01 19.06.26 0.0000 ← 0.0000 0.01.01 19.06.26 0.0000 ← 0.0000	2 42/405 20/6012 194970 3715 0 Pass 4 247887 20/6512 194970 3715 0 Pass 5 427812 206994 194831 3759 0 Pass 6 429446 208468 196592 3739 0 Pass 7 428016 206898 195718 3660 0 Pass 8 426429 205354 194040 3567 0 Pass 10 427775 206574 195041 3555 0 Pass	
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient Geadtime: Doubles gate fraction: Triples gate fraction: Normalization constant:	1.50 64.00 1720 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.00001 0.00001	Cycle Singles Doubles Triples Mass QC Te 1 7134, 282 196, 227 0.000 0.000 Pass 2 7126, 815 202, 940 0.000 0.000 Pass 3 7134, 867 193, 246 0.000 0.000 Pass 4 7138, 175 191, 288 0.000 0.000 Pass 5 7133, 614 203, 644 0.000 0.000 Pass 6 7160, 910 198, 842 0.000 0.000 Pass 7 7137, 022 187, 186 0.000 0.000 Pass 8 7110, 511 189, 426 0.000 0.000 Pass 9 7138, 575 199, 124 0.000 0.000 Pass 10 7132, 996 193, 095 0.000 0.000 0.000 Pass	sts:
Passive singles bkgrnd: Passive doubles bkgrnd:	4.758 +- 0.000 0.004 +- 0.000		

```
0. 000 +-
0. 504
INCC 5. 1. 2
                                                                                                                                                                                                                                                                         Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                          0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                          Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                                            Number passive cycles:
                                                                                                                                                                                                                                                                                        Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                       Passive error messages
                                                           19. 06. 26 10:48:26
96QK4826. VER
                                                                                                                                                                                                                                                                       No known alpha calibration
             Results
                                                           BC5 201906
                                                                                                                                                                                                                                                                                                                                 Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                       2960, 659 +-
                                                           XXXX
                                                                                                                                                                                                                                                                                                                                                                                                             1.387
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                            34. 066 +-
0. 000 +-
52. 371 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                             1. 059
0. 000
0. 323
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                       Passive cycle raw data
                                                                                                                                                                                                                                                                                         Singles
178034
178188
177813
                                                                                                                                                                                                                                                                                                                                                                        Scaler 1
3257
3180
3041
                                                                                                                                                                                                                                                                                                                                                                                                 Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                         R+A
35887
                                                                                                                                                                                                                                                                        Cycle
                                                                                                                                                                                                                                                                                                                                                  A
33819
33719
33490
                                                                                                                                                                                                                                                                                                                         35951
35562
                        Isotopics id: Default
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                        36010
35591
35616
35745
35869
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                  33971
33662
33432
33528
                                                                                                                                                                                                                                                                                                                                                                              3202
3237
3182
3117
                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
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0
0
0
0
0
                                                                                            0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                    0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                   0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
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177601
177524
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33780
34025
                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
                                         Pu241:
                                                                                                                                                                                                                                                                              8
                                                                                                                                                                                                                                                                                             177925
                                                                                                                                                                                                                                                                                                                                                                              3158
                                         Pu242:
                                                                                                                                                                                                                                                                                             177534
178029
                                                                                                                                                                                                                                                                                                                         35587
                                                                                                                                                                                                                                                                                                                                                                              3196
3155
                                   Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                    19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                                                                                                                                                                                                             10
                                                                                            0.0000
                                                                                                                                                     0.0000
                                                                                                                                                                                                                                                                       Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                 Doubles
34. 528
37. 267
34. 595
34. 044
32. 207
                                                                                                                                                                                                                                                                                               Singles
2963.889
                                                                  1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                       Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                       Cvcle
                                                                                                                                                                                                                                                                                                                                                                   Triples
                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                              64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                               2966. 458
2960. 202
2966. 091
2956. 482
                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                    36. 465
37. 016
37. 183
30. 170
27. 181
                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
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Pass
Pass
Pass
Pass
Pass
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7
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                                                                                                                                                                                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                                                               2955 381
                                                                                                                                                                                                                                                                                               2962. 070
2955. 548
2963. 805
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0. 000
0. 000
0. 000
                                                                     1.0000 +-
                                                                                                   0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     4. 758 +-
0. 004 +-
                                                                                                     (1)
                                                                                                                                                                                                                                                                                                                                                                              (2)
```

	201906_AFAS-B Collar_Position6.txt	•			201	906 AFAS	G-B Collar_P	osition6 txt
INCC 5. 1. 2	201000_11.10 0 001141_0 001114110. 0440			ve triples bkg ve scaler1 bkg	grnd: 0	. 000 +- . 504	0.000	oor crono. CAC
Facility: Material balance area:	JMOX JM2G		Passiv	ve scaler2 bkg	grnd: 0	. 000		
Detector type: Detector id: Electronics id:	JSR_01 JSR_01 JSR-12		Numbe	er passive cyc Count time (s		10 60		
Inventory change code: I/O code:	00K 12		Passive	e error messag	ges			
Measurement date: Results file name:	19. 06. 26 11:12:33 96QL1233. VER			n alpha calib	oration			
Inspection number: Item id: Stratum id:	BC6 201906 XXXX		Results	•	Singl	es:	938, 626	÷ 1, 401
Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file				Doubl Tripl Scaler Scaler	es: es: 1:	3. 061 - 0. 000 - 74. 609 - 0. 000 -	← 0.341 ← 0.000 ← 0.369
QC tests: Error calculation: Accidentals method:	On Sample method Measured		Passive	cycle raw da	ata			
Inspector name: Passive comment:	measureu		Cycle 1 2	Singles 56947 56705	R+A 3624 3623	A 3538 3372	Scaler1 4567 4539	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241:	Default C0 0.0000 +- 0.0000 0.0000 +- 0.0000 +- 0.0000 100.0000 +- 100.0000 +- 0.0000 100.0000 +- 0.0000 +- 0.0000 0.0000 +-	0. 0000 0. 0000	3 4 5 6 7 8	56654 56897 56426 56594 56378 56814	3617 3710 3552 3545 3610 3676	3470 3501 3323 3460 3411 3398	4572 4472 4423 4619 4492 4516	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Pu241. Pu242: Pu date: Am241: Am date:	0.0000 +- 0.0000 0.0000 +- 0.0000 +- 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 0.0000 +- 0.0000 0.0000 0.0000 +- 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000	0. 0000	9 10	56443 56087 cycle rate o	3563 3553	3401 3361	4476 4392	0 Pass 0 Pass 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient G deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1970 160. 0000 0. 6419 0. 1030 0. 0000 0. 0001 0. 0001		Cycle 1 2 3 4 5 6 7 8 9	Singles 944, 503 940, 468 939, 618 943, 669 935, 817 938, 618 935, 017 942, 285 936, 100 930, 165	Doub le 1. 43 4. 18 2. 44 3. 48 3. 81 1. 41 1. 41 3. 31 4. 63 2. 69 3. 19	0 2 8 2 5 4 5 2 8	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass OC Tests 0.000 Pass
Normalization constant:	1.0000 +- 0.0000							
Passive singles bkgrnd: Passive doubles bkgrnd:	4. 758 +- 0. 000 0. 004 +- 0. 000							

```
0. 000 +-
0. 504
INCC 5. 1. 2
                                                                                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                             0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                             Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                               Number passive cycles:
                                                                                                                                                                                                                                                                                           Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                          Passive error messages
                                                            19.06.26 13:23:06
96QN2306.VER
                                                                                                                                                                                                                                                                          No known alpha calibration
             Results
                                                            BC7 201906
                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                            1149,535 +-
                                                                                                                                                                                                                                                                                                                                                                                                                 1.783
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                              5. 754 +-
0. 000 +-
122. 023 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                 0. 634
0. 000
0. 468
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                          Passive cycle raw data
                                                                                                                                                                                                                                                                                                                            R+A
5479
5299
5388
                                                                                                                                                                                                                                                                                                                                                                            Scaler 1
7456
7233
7368
                                                                                                                                                                                                                                                                                                                                                                                                     Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                                                                        A
5108
4913
4997
                                                                                                                                                                                                                                                                                                  68735
68975
                         Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                              5295
5469
5537
5355
5577
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                        5078
5146
5184
5109
                                                                                                                                                                                                                                                                                                                                                                                   7381
7258
7471
7329
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                  68883
                                                                                                                                                                                                                                                                                                                                                                                                                   0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                     0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                  69520
69697
68904
                                                                                                                                                                                                                                                                                                                                                        5027
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                          Pu241:
                                                                                                                                                                                                                                                                                 8
                                                                                                                                                                                                                                                                                                  69553
                                                                                                                                                                                                                                                                                                                                                                                   7293
7457
                                          Pu242:
                                                                                                                                                                                                                                                                                                  69378
                                                                                                                                                                                                                                                                                                                              5398
5574
                                                                                                                                                                                                                                                                                                                                                        5255
5102
                                    Pu242:
Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                     19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                                                                                                                                                                                                                10
                                                                                                                                                                                                                                                                                                  69462
                                                                                             0.0000
                                                                                                                                                      0.0000
                                                                                                                                                                                                                                                                           Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                    Doubles
6. 184
6. 434
6. 518
3. 615
5. 383
                                                                                                                                                                                                                                                                                                  Singles
1151, 139
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                      Triples
                                                                                                                                                                                                                                                                          Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                               64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                  1141. 036
1145. 037
1143. 503
1154. 124
1157. 075
1143. 853
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                         5. 884
4. 099
9. 170
2. 381
7. 869
                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                 6
7
                                                                                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                                                  1154. 674
1151. 756
1153. 157
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
 Normalization constant:
                                                                                                    0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      4. 758 +-
0. 004 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                  (2)
```

	201906_AFAS-B Coll	ar_Position8.txt				20	1906_AFAS	S-B Collar_P	osition8.t	κt
INCC 5. 1. 2					sive triples bk sive scaler1 bk		0. 000 +- 0. 504	0.000		
Facility: Material balance area:	JMOX JM2G			Pass	sive scaler2 bk	grnd:	0. 000			
Detector type: Detector id: Electronics id:	JSR_01 JSR_01 JSR-12			Nur	nber passive cy Count time (10 60			
Inventory change code: I/O code:	5511 12			Pass	ve error messa	ges				
Measurement date: Results file name:	19. 06. 26 13:40:10 96QN4010. VER			No ki	nown alpha cali	bration				
Inspection number: Item id:	BC8 201906			Resu	ts					
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file On					Sing Doub Trip Scale Scale	les: les: r 1:	663. 345 1. 228 0. 000 48. 539 0. 000	+ 0.33 + 0.00 + 0.33	35 00 36
Error calculation: Accidentals method:	Sample method Measured			Pass	ive cycle raw d	ata				
Inspector name: Passive comment:	measured			Cycle 1 2	Singles 40089 39768	R+A 1784 1686	A 1662 1683	Scaler1 2874 2859	Scaler2 0 0	QC Tests Pass Pass
Isotopics id: Isotopics source code: Pu238: Pu239:	Default CO 0.0000 +- 0.0000 0.0000 +- 0.0000	0.0000 +- 0.0000 +-	0. 0000 0. 0000	3 4 5 6	40035 40092 40225 40090	1849 1783 1916 1846	1763 1728 1686 1787	2953 2960 2905 3011	0 0 0 0	Pass Pass Pass Pass
Pu240: Pu241: Pu242: Pu date: Am241:	100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 00.01.01 0.0000 +- 0.0000	100.0000 +- 0.0000 +- 0.0000 +- 19.06.26 0.0000 +-	0. 0000 0. 0000 0. 0000	7 8 9 10	40270 40105 40106 40039	1781 1771 1810 1825	1730 1731 1783 1759	3074 2918 2921 2951	0 0 0	Pass Pass Pass Pass
Am date:	00. 01. 01	19. 06. 26	0.0000	Pass	ve cycle rate	data				
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Coefficient Geadtime: Toefficient Graatime: Toefficient Graatime: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1970 160. 0000 0. 6419 0. 1030 0. 0000 0. 0001			Cycl 1 2 3 4 5 6 7 8 9	Singles 663, 463 658, 112 662, 563 663, 513 665, 730 663, 480 666, 481 663, 747 662, 630	Doub I (2. 0) 0. 0 0. 1. 4. 0. 9 3. 8. 0. 9 0. 8 0. 6 0. 4 1. 0.	30 46 330 13 31 80 46 63	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000	Pass Pass Pass Pass Pass Pass Pass Pass
Normalization constant:	1.0000 +- 0.0									
Passive singles bkgrnd: Passive doubles bkgrnd:	4. 758 +- 0. 0 0. 004 +- 0. 0									

```
201906_AFAS-B Collar_Position9.txt
                                                                                                                                                                                                                                                                                                                                                       0.000 +-
0.504
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                  Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                     0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                  Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                                                    Number passive cycles:
                                                                                                                                                                                                                                                                                                 Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                               Passive error messages
                                                             19.06.26 13:55:15
96QN5515. VER
                                                                                                                                                                                                                                                                               No known alpha calibration
             Results
                                                             BC9 201906
                                                                                                                                                                                                                                                                                                                                            Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                    1277, 841 +-
                                                                                                                                                                                                                                                                                                                                                                                                                          0.510
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                        6. 104 +-
0. 000 +-
33. 046 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                          0. 590
0. 000
0. 228
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                               Passive cycle raw data
                                                                                                                                                                                                                                                                                                  Singles
76862
                                                                                                                                                                                                                                                                                                                                   R+A
6780
6605
6733
                                                                                                                                                                                                                                                                                                                                                                                    Scaler 1
2017
2038
1984
                                                                                                                                                                                                                                                                                                                                                                                                             Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                Cycle
                                                                                                                                                                                                                                                                                                                                                                A
6268
6350
6202
                                                                                                                                                                                                                                                                                                         76934
                         Isotopics id: Default
                                                                                                                                                                                                                                                                                                         76960
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                         77002
76997
76933
77048
77029
                                                                                                                                                                                                                                                                                                                                                                                           1960
2044
2029
2081
1969
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                6472
6266
6289
6257
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                    6784
6714
6637
6690
6567
6576
6534
                                                                                                                                                                                                                                                                                                                                                                                                                            0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                6375
6230
6249
                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
                                                                                                                                                                                                                                                                                     8
9
10
                                          Pu241:
                                          Pu242:
                                                                                                                                                                                                                                                                                                         76921
76715
                                                                                                                                                                                                                                                                                                                                                                                           2052
1956
                                     Pu242:
Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                        19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                               0.0000
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                                Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                             Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                            Doubles
8. 536
4. 250
8. 853
5. 200
7. 469
                                                                                                                                                                                                                                                                                                         Singles
1276. 538
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                                    Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                               Cvcle
                                                                64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                        1276. 538
1277. 739
1278. 172
1278. 873
1278. 789
1277. 722
                                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                5. 801
7. 219
3. 199
5. 767
4. 750
                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                       6
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
                                                                                                                                                                                                                                                                                                         1279 640
                                                                                                                                                                                                                                                                                                         1279. 323
1277. 522
1274. 087
                                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       4. 758 +-
0. 004 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                         (2)
```

	201906_AFAS-B Collar_Position10.txt	201906_AFAS-B Collar_Position10.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.504 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JSR_01 JSR_01	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:	00N 12	Passive error messages
Measurement date: Results file name:	19. 06. 26 14:12:19 96Q01219. VER	No known alpha calibration
Inspection number: Item id:		Results
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	Pu 0.000 Verification Review disk file	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
Error calculation: Accidentals method:	on Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	measureu	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 75898 6557 6113 2202 0 Pass 2 75374 6404 6040 2246 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3 75566 6491 6170 2257 0 Pass 4 75674 6130 2351 0 Pass 5 74704 6419 5861 2242 0 Pass 6 75310 6365 6107 2242 0 Pass 7 75231 6301 6017 2198 0 Pass 8 75782 6638 6218 2290 0 Pass 9 75654 6387 6121 2185 0 Pass 10 75298 6503 6113 2261 0 Pass
	00.01.01 19.06.26	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Coefficient C facatime: Triples gate fraction:	1.50 64.00 7120 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.0001 0.0001	Cycle Singles Doubles Triples Mass 0C Tests 1 1261.982 7.402 0.000 0.000 Pass 2 1251.728 6.068 0.000 0.000 Pass 3 1254.930 5.350 0.000 0.000 Pass 4 1256.730 4.733 0.000 0.000 Pass 5 1240.557 9.303 0.000 0.000 Pass 6 1250.661 4.300 0.000 0.000 Pass 7 1249.344 4.733 0.000 0.000 Pass 8 1258.531 7.002 0.000 0.000 Pass 9 1256.397 4.433 0.000 0.000 Pass 10 1250.461 6.501 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	4.758 ← 0.000 0.004 ← 0.000	
	(1)	(2)

```
0. 000 +-
0. 504
INCC 5. 1. 2
                                                                                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                             0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                             Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                               Number passive cycles:
                                                                                                                                                                                                                                                                                           Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                          Passive error messages
                                                            19. 06. 26 09:42:09
96QJ4209. VER
                                                                                                                                                                                                                                                                          No known alpha calibration
             Results
                                                            BT1 201906
                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                             1495, 253 +-
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                  1, 149
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                             8. 183 +-
0. 000 +-
2887. 503 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 572
0. 000
3. 433
0. 000
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                          Passive cycle raw data
                                                                                                                                                                                                                                                                                             Singles
90200
                                                                                                                                                                                                                                                                                                                             R+A
9212
9121
9100
                                                                                                                                                                                                                                                                                                                                                                             Scaler1
173499
173401
174096
                                                                                                                                                                                                                                                                                                                                                                                                      Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                                                                        A
8943
8570
8617
                                                                                                                                                                                                                                                                                                   89800
90014
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                        8615
8702
8459
8454
8648
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                   89686
                                                                                                                                                                                                                                                                                                                              9112
9294
8951
9067
9124
9167
9156
                                                                                                                                                                                                                                                                                                                                                                                173461
                                                                                                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                     0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                   90121
89733
89870
                                                                                                                                                                                                                                                                                                                                                                               174066
173209
172755
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                          Pu241:
                                                                                                                                                                                                                                                                                 8
                                                                                                                                                                                                                                                                                                   90338
                                                                                                                                                                                                                                                                                                                                                                                172053
                                          Pu242:
                                                                                                                                                                                                                                                                                                   90092
                                                                                                                                                                                                                                                                                                                                                          8582
                                                                                                                                                                                                                                                                                                                                                                               173684
172580
                                   Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                     19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                                                                                                                                                                                                                10
                                                                                                                                                                                                                                                                                                   90153
                                                                                              0.0000
                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                          Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                   Singles
1498. 575
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                                                                                     Doubles
4, 479
9, 179
8, 046
8, 279
9, 863
8, 196
10, 213
7, 929
9, 746
5, 896
                                                                                                                                                                                                                                                                                                                                                                       Triples
                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                          Cvcle
                                                                                                                                                                                                                                                                                                                                                                           0.000
0.000
0.000
0.000
0.000
                                                               64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                   1491. 908
1495. 475
1490. 008
1497. 258
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                 6
7
                                                                                                                                                                                                                                                                                                   1490, 792
                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
                                                                                                                                                                                                                                                                                                   1493 075
                                                                                                                                                                                                                                                                                                   1500. 875
1496. 775
1497. 792
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
                                                                                                     0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      4. 758 +-
0. 004 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                  (2)
```

	201906_AFAS-B Top Fork_Position2.txt	201906_AFAS-B Top Fork_Position2.txt
INCC 5.1.2	JMOX	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.504 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JM26 JSR_01 JSR_01	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name: Inspection number:	19. 06. 26 10:00:14 960K0014. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: OC tests:	BT2 201906 XXXX Pu 0.000 Verification Review disk file On	Singles: 3984, 208 ← 2, 425 Doubles: 60, 751 ← 2, 068 Triples: 0, 000 ← 0, 000 Scaler 1: 711.319 ← 0, 888 Scaler 2: 0, 000 ← 0, 000
Error calculation: Accidentals method: Inspector name: Passive comment:	Sample method Measured	Passive cycle raw data Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 239111 64611 61158 42924 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default C0 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000	2 238882 64629 60719 42768 0 Pass 3 239807 65450 61527 42825 0 Pass 42800 60719 42768 0 Pass 64572 61606 42480 0 Pass 5 238917 64687 60399 42854 0 Pass 6 2398617 66075 61662 42465 0 Pass 7 239584 65047 61264 42587 0 Pass 8 239713 65312 61349 42860 0 Pass 9 238688 64125 60679 42760 0 Pass 10 238896 64687 61379 42571 0 Pass
Am date:	00. 01. 01 19. 06. 26	Passive cycle rate data
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 7720 50.0000 0.0080 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 3980.425 57.546 0.000 0.000 Pass 2 3976.608 65.163 0.000 0.000 Pass 3 3992.025 66.379 0.000 0.000 0.000 Pass 4 3992.158 49.429 0.000 0.000 Pass 5 3977.192 71.463 0.000 0.000 Pass 6 3993.025 56.879 0.000 0.000 Pass 7 3988.308 66.046 0.000 0.000 Pass 8 3990.458 66.046 0.000 0.000 Pass 9 3973.375 57.429 0.000 0.000 Pass 10 3978.508 55.129 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd: Passive doubles bkgrnd:	1.0000 +- 0.0000 4.758 +- 0.000 0.004 +- 0.000	
rassive doubles DKgrnd.	0.004 +- 0.000	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                               Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                    0. 000 +-
0. 504
                                                                                                                                                                                                                                                                                                                                                                                 0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                  Number passive cycles:
                                                                                                                                                                                                                                                                                              Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                             Passive error messages
                                                            19.06.26 10:16:18
96QK1618. VER
                                                                                                                                                                                                                                                                             No known alpha calibration
             Results
                                                            BT3 201906
                                                                                                                                                                                                                                                                                                                                        Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                             55034, 932 +-
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                    13, 303
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                             11492.386 +-
0.000 +-
177.241 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                   45. 006
0. 000
0. 510
                                                                                                                                                                                                                                                                                                                                                                                                                     0.000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                             Passive cycle raw data
                                                                                                                                                                                                                                                                                                Singles
3300014
                                                                                                                                                                                                                                                                                                                        R+A
12299714
12354556
12324947
                                                                                                                                                                                                                                                                                                                                                                                Scaler1
10714
10649
10603
                                                                                                                                                                                                                                                                                                                                                                                                         Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                             Cycle
                                                                                                                                                                                                                                                                                                                                                 A
11619833
11666855
11637643
                                                                                                                                                                                                                                                                                                3307246
3302811
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                               3299839
3302225
3299812
3303740
3300065
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                    10645
10826
10635
10711
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                         12304408
                                                                                                                                                                                                                                                                                                                                                   11620270
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0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                      0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                       12304408
12325523
12311470
12348601
12307997
12354750
12318618
                                                                                                                                                                                                                                                                                                                                                 11620270
11631257
11622581
11644060
11616827
11654278
11641546
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
                                          Pu241:
                                                                                                                                                                                                                                                                                                                                                                                    10556
                                          Pu242:
                                                                                                                                                                                                                                                                                                3305065
3302997
                                                                                                                                                                                                                                                                                                                                                                                    10789
10519
                                    Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                       19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                                                                                                                                                                                                                  10
                                                                                              0.0000
                                                                                                                                                        0.0000
                                                                                                                                                                                                                                                                             Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                         Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                  Singles
54995, 475
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                             Cvcle
                                                                                                                                                                                                                                                                                                                                     Doubles
11331.346
                                                                                                                                                                                                                                                                                                                                                                                                                Mass QC Tests
0.000 Pass
                                                               64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                   55116. 008
55042. 092
54992. 558
55032. 325
                                                                                                                                                                                                                                                                                                                                     11461. 679
11455. 063
11402. 296
11571. 096
                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                    6
7
                                                                                                                                                                                                                                                                                                   54992. 108
55057. 575
                                                                                                                                                                                                                                                                                                                                     11481. 479
11742. 346
                                                                                                                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                                                  54996. 325
55079. 658
55045. 192
                                                                                                                                                                                                                                                                                                                                    11519. 496
11674. 529
11284. 529
                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
 Normalization constant:
                                                                                                      0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      4. 758 +-
0. 004 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                      (2)
```

	201906_AFAS-B Top Fork_Position4.txt	201906_AFAS-B Top Fork_Position4.txt				
INCC 5. 1. 2		Passive triples bk Passive scaler1 bk		0.000		
Facility: Material balance area:	JMOX JM2G	Passive scaler2 bk				
Detector type: Detector id:	JSR_01 JSR_01	Number passive cy Count time (
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messa	ges			
Measurement date: Results file name:	19. 06. 26 10:32:22 960K3222. VER	No known alpha cali	bration			
Inspection number:	BT4 201906	Results				
Stratum id: Material type: Original declared mass:	B14 201906 XXXX Pu 0, 000		Singles: Doubles: Triples:	7126. 602 +- 3. 894 194. 608 +- 1. 759 0. 000 +- 0. 000		
Measurement option: Data source: QC tests:	Verification Review disk file On		Scaler 1: Scaler 2:	60. 288 +		
Error calculation:	on Sample method Measured	Passive cycle raw d	ata			
Accidentals method: Inspector name: Passive comment:	weasured	Cycle Singles 1 427852 2 427405	R+A A 207114 195394 207006 194885	Scaler1 Scaler2 QC Tests 3588 0 Pass 3568 0 Pass		
Isotopics id: Isotopics source code: Pu238:	Default CO 0,0000 ← 0,0000 0.0000 ← 0.0000	3 427887 4 428085 5 427812	207000 194885 206512 194970 207154 195729 206994 194831	3715 0 Pass 3647 0 Pass 3759 0 Pass		
Pu239 : Pu240 : Pu241 :	$0.0000 \leftarrow 0.0000$ $0.0000 \leftarrow 0.0000$ 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	6 429446 7 428016 8 426429	208468 196592 206898 195718 205354 194040	3739 0 Pass 3660 0 Pass 3567 0 Pass		
Pu242: Pu date:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	9 428109 10 427775	207139 195246 206574 195041	3677 0 Pass 3555 0 Pass		
Am241: Am date:	0.0000 + 0.0000	Passive cycle rate	data			
Predelay: Gate length: 2nd gate length: High voltage:	1.50 64.00 64.00 1720	Cycle Singles 1 7126.108 2 7118.658 3 7126.692	Doubles 195. 329 202. 013 192. 363	Triples Mass QC Tests 0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass		
Die away time: Efficiency: Multiplicity deadtime:	50, 0000 0. 0080 0. 0000	4 7129. 992 5 7125. 442 6 7152. 675	190. 413 202. 713 197. 929	0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass		
Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime:	0.0000 0.0000 0.0000	7 7128. 842 8 7102. 392 9 7130. 392 10 7124. 825	186. 329 188. 563 198. 213 192. 213	0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass		
Doubles gate fraction: Triples gate fraction:	0.0001 0.0001	10 /124.825	192. 213	0. 000 0. 000 Pass		
Normalization constant:	1.0000 +- 0.0000					
Passive singles bkgrnd: Passive doubles bkgrnd:	4. 758 ← 0. 000 0. 004 ← 0. 000					

```
201906_AFAS-B Top Fork_Position5.txt
                                                                                                                                                                                                                                                                                                                                  201906_AFAS-B Top Fork_Position5.txt
                                                                                                                                                                                                                                                                                                                                        0. 000 +-
0. 504
INCC 5. 1. 2
                                                                                                                                                                                                                                                                     Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                    0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                      Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                                        Number passive cycles:
                                                                                                                                                                                                                                                                                    Count time (sec)
                                                          JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                   Passive error messages
                                                          19. 06. 26 10:48:26
96QK4826. VER
                                                                                                                                                                                                                                                                   No known alpha calibration
            Results
                                                          BT5 201906
                                                                                                                                                                                                                                                                                                                             Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                  2959, 248 +-
                                                          XXXX
                                                                                                                                                                                                                                                                                                                                                                                                       1.385
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                      34. 001 +-
0. 000 +-
52. 371 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                       1. 057
0. 000
0. 323
0. 000
                                                          On
Sample method
Measured
                                                                                                                                                                                                                                                                   Passive cycle raw data
                                                                                                                                                                                                                                                                                     Singles
178034
178188
177813
                                                                                                                                                                                                                                                                                                                    R+A
35887
35951
35562
                                                                                                                                                                                                                                                                                                                                                                   Scaler 1
3257
3180
3041
                                                                                                                                                                                                                                                                                                                                                                                            Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                    Cycle
                                                                                                                                                                                                                                                                                                                                             A
33819
33719
33490
                       Isotopics id: Default
                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                    36010
35591
35616
35745
35869
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                             33971
33662
33432
33528
                                                                                                                                                                                                                                                                                                                                                                        3202
3237
3182
3117
                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                         178166
                                                                                                                                                                                                                                                                                                                                                                                                         0
0
0
0
0
0
                                                                                          0.0000
0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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177601
177524
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33780
34025
                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
                                         Pu241:
                                                                                                                                                                                                                                                                          8
                                                                                                                                                                                                                                                                                        177925
                                                                                                                                                                                                                                                                                                                                                                         3158
                                         Pu242:
                                                                                                                                                                                                                                                                                        177534
178029
                                                                                                                                                                                                                                                                                                                     35587
                                                                                                                                                                                                                                                                                                                                                                         3196
3155
                                  Pu date:
Am241:
Am date:
                                                          00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                  19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                                                                                                                                                                                                         10
                                                                                           0.0000
                                                                                                                                                  0.0000
                                                                                                                                                                                                                                                                   Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                             Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                            Doubles
34, 463
37, 196
34, 529
33, 979
32, 146
                                                                                                                                                                                                                                                                                           Singles
2962.475
                                                                 1.50
64.00
                                                                                                                                                                                                                                                                   Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                  Mass QC Tests
0.000 Pass
                                                             64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                           2965. 042
2958. 792
2964. 675
2955. 075
                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                               36. 396
36. 946
37. 113
30. 113
27. 129
                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
0. 000
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Pass
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Pass
Pass
                                                                                                                                                                                                                                                                          6
                                                                                                                                                                                                                                                                                           2955, 258
                                                                                                                                                                                                                                                                                           2953 975
                                                                                                                                                                                                                                                                                           2960. 658
2954. 142
2962. 392
                                                                    1.0000 +-
                                                                                                  0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                    4. 758 +-
0. 004 +-
                                                                                                    (1)
                                                                                                                                                                                                                                                                                                                                                                        (2)
```

	201906_AFAS-B Top Fork_Position6.txt	201906_AFAS-B Top Fork_Position6.txt
INCC 5.1.2	JMOX	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.504 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:		Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:	00N 12	Passive error messages
Measurement date: Results file name:	19. 06. 26 11:12:33 960L1233. VER	No known alpha calibration
Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file	Results Singles: 938.483 +- 1.400 Doubles: 3.059 +- 0.340 Triples: 0.000 +- 0.000 Scaler 1: 74.609 +- 0.369 Scaler 2: 0.000 +- 0.000
Error calculation: Accidentals method:		Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 56947 3624 3538 4567 0 Pass 2 56705 3623 3372 4539 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	CO 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 100.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000	3 56654 3617 3470 4572 0 Pass 4 56897 3710 3501 4472 0 Pass 5 56426 3552 3323 4423 0 Pass 6 56594 3545 3460 4619 0 Pass 7 56378 3610 3411 4492 0 Pass 8 56814 3676 3398 4516 0 Pass 9 56443 3563 3401 4476 0 Pass 10 56087 3553 3361 4392 0 Pass
	00. 01. 01 19. 06. 26	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0080 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 944,358 1,429 0,000 0,000 Pass 2 940,325 4,179 0,000 0,000 Pass 3 939,475 2,446 0,000 0,000 Pass 4 943,525 3,479 0,000 0,000 Pass 5 935,675 3,813 0,000 0,000 Pass 6 938,475 1,413 0,000 0,000 Pass 7 934,875 3,313 0,000 0,000 Pass 8 942,142 4,629 0,000 0,000 Pass 9 935,958 2,696 0,000 0,000 Pass 10 930,025 3,196 0,000 0,000 Pass
Normalization constant: Passive singles bkgrnd: Passive doubles bkgrnd:	1.0000 0.0000 4.758 0.000 0.004 0.000	

(2)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                    Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                          0. 000 +-
0. 504
                                                                                                                                                                                                                                                                                                                                                                                       0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                    Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                                       Number passive cycles:
                                                                                                                                                                                                                                                                                                   Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                 Passive error messages
                                                              19.06.26 13:23:06
96QN2306.VER
                                                                                                                                                                                                                                                                                 No known alpha calibration
             Results
                                                              BT7 201906
                                                                                                                                                                                                                                                                                                                                              Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                      1149, 322 +-
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                             1.782
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                        5. 749 +-
0. 000 +-
122. 023 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                             0. 634
0. 000
0. 468
0. 000
                                                              Sample method
Measured
                                                                                                                                                                                                                                                                                 Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                     R+A
5479
5299
5388
                                                                                                                                                                                                                                                                                                                                                                                      Scaler 1
7456
7233
7368
                                                                                                                                                                                                                                                                                                                                                                                                                Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                  Cycle
                                                                                                                                                                                                                                                                                                                                                                  A
5108
4913
4997
                                                                                                                                                                                                                                                                                                           68735
68975
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                       5295
5469
5537
5355
5577
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                              7381
7258
7471
7329
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                           68883
                                                                                                                                                                                                                                                                                                                                                                  5078
5146
5184
5109
5027
5255
5102
                                                                                                                                                                                                                                                                                                                                                                                                                               0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                         0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                           69520
69697
68904
                                                                                                                                                                                                                                                                                                                                                                                              7293
7457
7270
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
                                           Pu241:
                                                                                                                                                                                                                                                                                         8
                                                                                                                                                                                                                                                                                                           69553
                                           Pu242:
                                                                                                                                                                                                                                                                                                           69378
                                                                                                                                                                                                                                                                                                                                        5398
5574
                                    Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                         19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                                                                                                                                                                                                                       10
                                                                                                                                                                                                                                                                                                           69462
                                                                                                0.0000
                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                 Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                           Singles
1150.925
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                                                             Doubles
6. 179
6. 429
6. 513
3. 613
5. 379
5. 879
4. 096
9. 163
2. 379
7. 863
                                                                                                                                                                                                                                                                                 Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                        Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                           1140. 825
1144. 825
1143. 292
1153. 908
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                         6
7
                                                                                                                                                                                                                                                                                                           1156, 858
                                                                                                                                                                                                                                                                                                           1143. 642
1154. 458
1151. 542
1152. 942
                                                                        1.0000 +-
 Normalization constant:
                                                                                                       0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        4. 758 +-
0. 004 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                            (2)
```

	201906_AFAS-B Top Fork_Position	n8. txt		2	01906_AFAS-	B Top Fork_Pos	ition8.txt
INCC 5. 1. 2	Mov		Passive sca	iples bkgrnd: aler1 bkgrnd:	0.000 +- 0.504	0.000	
Facility: Material balance area: Detector type:	JMOX JM2G JSR_01			aler2 bkgrnd: ssive cycles:	0. 000 10		
Detector id: Electronics id: Inventory change code:	JSR_01 JSR-12		Count Passive erro	t time (sec):	60		
I/O code: Measurement date:	19.06.26 13:40:10			oha calibration			
Results file name: Inspection number:	96QN4010. VER		Results				
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source OC tests:	BTB 201906 XXXX Pu 0.000 Verification Review disk file On			Do Tr Sca	ngles: ubles: iples: ler 1: ler 2:	663. 273 +- 1. 228 +- 0. 000 +- 48. 539 +- 0. 000 +-	0. 702 0. 335 0. 000 0. 336 0. 000
Error calculation: Accidentals method:	Sample method Measured		Passive cyc	le raw data			
Inspector name: Passive comment:				gles R+A 0089 1784 9768 1686	A 1662 1683	Scaler1 S 2874 2859	caler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default C0 0.0000 ← 0.0000 0.000 100.0000 ← 0.0000 100.000 0.0000 ← 0.0000 0.000 0.0000 ← 0.0000 0.000 0.01.01 1 9.06.2 0.0000 ← 0.0000 0.000 0.01.01 1 9.06.2	0 ← 0.0000 10 ← 0.0000 10 ← 0.0000 10 ← 0.0000 10 ← 0.0000 10 ← 0.0000	3 40 4 41 5 41 6 40 7 41 8 40 9 41	0035 1849 0092 1783 0225 1916 0090 1846 0270 1781 0105 1771 0106 1810 0039 1825	1763 1728 1686 1787 1730 1731 1783 1759	2953 2960 2905 3011 3074 2918 2921 2951	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: Normalization constant:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0080 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000		1 2 6 3 4 6 5 6 6 7 6 9 9 6 9	663. 392 2 2 558. 042 0 6662. 492 1 5662. 442 0 665. 658 3 663. 448 0 6663. 6408 0 6663. 658 0 663. 675 0 0	bles .029 .046 .429 .913 .829 .979 .846 .663 .446 .096	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass OC Tests 0.000 Pass
Passive singles bkgrnd:	4.758 +- 0.000						
Passive doubles bkgrnd:	0.004 +- 0.000					(2)	

```
0.000 +-
0.504
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                                 0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                           Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                                             Number passive cycles:
                                                                                                                                                                                                                                                                                                          Count time (sec)
                                                               JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                        Passive error messages
                                                               19. 06. 26 13:55:15
96QN5515. VER
                                                                                                                                                                                                                                                                                        No known alpha calibration
              Results
                                                               BT9 201906
                                                                                                                                                                                                                                                                                                                                                      Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                1277.577 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                       0.510
                                                               XXXX
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                    6. 099 +-
0. 000 +-
33. 046 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                       0. 589
0. 000
0. 228
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                        Passive cycle raw data
                                                                                                                                                                                                                                                                                                           Singles
76862
                                                                                                                                                                                                                                                                                                                                             R+A
6780
6605
6733
                                                                                                                                                                                                                                                                                                                                                                                                Scaler 1
2017
2038
1984
                                                                                                                                                                                                                                                                                                                                                                                                                          Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                         Cycle
                                                                                                                                                                                                                                                                                                                                                                           A
6268
6350
6202
                                                                                                                                                                                                                                                                                                                  76934
                         Isotopics id: Default
                                                                                                                                                                                                                                                                                                                   76960
                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                  77002
76997
76933
77048
77029
                                                                                                                                                                                                                                                                                                                                                                                                       1960
2044
2029
2081
1969
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                           6472
6266
6289
6257
                                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                               6784
6714
6637
6690
6567
6576
6534
                                                                                                                                                                                                                                                                                                                                                                                                                                         0
0
0
0
0
0
                                                                                                  0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                             0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                           6375
6230
6249
                                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
                                            Pu241:
                                                                                                                                                                                                                                                                                                8
                                            Pu242:
                                                                                                                                                                                                                                                                                                                  76921
76715
                                                                                                                                                                                                                                                                                                                                                                                                       2052
1956
                                      Pu242:
Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                            19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                                                                                                                                                                                                                              10
                                                                                                  0.0000
                                                                                                                                                              0.0000
                                                                                                                                                                                                                                                                                        Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                         Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                  Singles
1276, 275
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                                                      Doubles
8. 529
4. 246
8. 846
5. 196
7. 463
5. 796
7. 213
3. 196
5. 763
4. 746
                                                                                                                                                                                                                                                                                                                                                                                                                                 Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                        Cvcle
                                                                  64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                 1276. 275
1277. 475
1277. 908
1278. 608
1278. 525
1277. 458
1279. 375
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                6
7
                                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
                                                                                                                                                                                                                                                                                                                  1279. 058
1277. 258
1273. 825
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                         1.0000 +-
                                                                                                          0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         4. 758 +-
0. 004 +-
                                                                                                            (1)
                                                                                                                                                                                                                                                                                                                                                                                                     (2)
```

	201906_AFAS-B Top	Fork_Position10.tx	t	201906_AFAS-B Top Fork_Position10.txt					
INCC 5. 1. 2					ve triples bk ve scaler1 bk		0. 000 +- 0. 504	0.000	
Facility: Material balance area: Detector type:	JMOX JM2G JSR_01				ve scaler2 bk er passive cy	-	0. 000 10		
Detector id: Electronics id:					Count time (sec):	60		
Inventory change code: I/O code: Measurement date:	19.06.26 14:12:19				e error messa; vn alpha calil	_			
Results file name: Inspection number:	96Q01219. VER			Results		JI ac I OII			
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	BT10 201906 XXXX Pu 0.000 Verification Review disk file On					Sing Doub Trip Scale Scale	les: les: r 1:	1252. 878 5. 978 0. 000 36. 953 0. 000	← 0.506 ← 0.000 ← 0.256
Error calculation: Accidentals method:	Sample method Measured				cycle raw d				
Inspector name: Passive comment: Isotopics id: Isotopics source code: Pu238: Pu239:	Default CO 0.0000 +- 0.00 0.0000 +- 0.00		0. 0000 0. 0000	Cycle 1 2 3 4 5 6	75989 75374 75566 75674 74704 75310	R+A 6557 6404 6491 6414 6419 6365	A 6113 6040 6170 6130 5861 6107	Scaler1 2202 2246 2257 2351 2242 2242	Scaler2 QC Tests
Pu240: Pu241: Pu242: Pu date: Am241: Am date:	100.0000 +- 0.000 0.0000 +- 0.000 0.0000 +- 0.000 0.0000 +- 0.000 00.01.01 0.0000 +- 0.000 00.01.01	00 100.0000 +- 00 0.0000 +- 00 0.0000 +- 19.06.26	0. 0000 0. 0000 0. 0000 0. 0000	7 8 9 10	75231 75782 75654 75298	6301 6638 6387 6503	6017 6218 6121 6113	2198 2290 2185 2261	O Pass O Pass O Pass O Pass O Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0080 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000			Cycle 1 2 3 4 5 6 7 8 9 10	Singles 1261. 725 1251. 475 1254. 675 1256. 475 1240. 308 1250. 408 1249. 092 1258. 275 1256. 142 1250. 208	Doubli 7. 3 6. 0 5. 3 4. 7: 9. 2 4. 2 4. 7: 6. 9 4. 4. 6. 4	96 53 46 29 96 96 29 96	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass OC Tests 0.000 Pass
Normalization constant: Passive singles bkgrnd:		0000							
Passive doubles bkgrnd:		000							

201906_AFAS-P Bottom Fork_Position1.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                      Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                            0.000 +-
0.567
                                                                                                                                                                                                                                                                                                                                                                                          0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                      Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                                                        Number passive cycles:
                                                                                                                                                                                                                                                                                                     Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                   Passive error messages
                                                              19. 06. 26 09:42:08
96QJ4208. VER
                                                                                                                                                                                                                                                                                   No known alpha calibration
             Results
                                                              PB1 201906
                                                                                                                                                                                                                                                                                                                                                Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                         1196, 718 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                1, 417
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                             4. 998 +-
0. 000 +-
58. 192 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                0. 589
0. 000
0. 326
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                   Passive cycle raw data
                                                                                                                                                                                                                                                                                                      Singles
72003
71877
72324
                                                                                                                                                                                                                                                                                                                                        R+A
5824
5832
5855
                                                                                                                                                                                                                                                                                                                                                                                         Scaler 1
3540
3437
3597
                                                                                                                                                                                                                                                                                                                                                                                                                   Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                    Cycle
                                                                                                                                                                                                                                                                                                                                                                    A
5523
5378
5696
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                    5665
5669
5733
5547
5340
5532
5503
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                            72536
72207
72504
71973
                                                                                                                                                                                                                                                                                                                                         5972
6049
5802
5875
                                                                                                                                                                                                                                                                                                                                                                                                3594
3497
3513
3502
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                                  0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                          0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                         5724
5864
5790
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
                                                                                                                                                                                                                                                                                         8
9
10
                                                                                                                                                                                                                                                                                                             71715
                                           Pu241:
                                                                                                                                                                                                                                                                                                                                                                                                3520
                                           Pu242:
                                                                                                                                                                                                                                                                                                             72051
71985
                                                                                                                                                                                                                                                                                                                                                                                                3441
3614
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                         19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                   Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                Doubles
5. 013
7. 563
2. 647
5. 113
6. 330
1. 147
5. 463
                                                                                                                                                                                                                                                                                                                                                                                   Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                             Singles
1194, 809
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                   Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                          Mass QC Tests
0.000 Pass
                                                                 64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                             1192. 709
1200. 159
1203. 693
1198. 209
                                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                           6
                                                                                                                                                                                                                                                                                                             1203. 159
1194. 309
                                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
                                                                                                                                                                                                                                                                                                             1194, 309
1190, 009
1195, 609
1194, 509
                                                                                                                                                                                                                                                                                                                                                     6. 397
5. 530
4. 780
                                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                        1.0000 +-
                                                                                                        0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        5. 241 +-
0. 003 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                               (2)
```

201906_AFAS-P Bottom Fork_Position2.txt						201906_AFAS-P Bottom Fork_Position2.txt					
INCC 5. 1. 2							ve triples bk ve scaler1 bk		0. 000 +- 0. 567	0.000	
Facility: Material_balance area:	JM2G					Passi	ve scaler2 bk	grnd: (0.000		
Detector type: Detector id: Electronics id:	JSR_03 JSR_03 JSR-12					Numb	er passive cy Count time (10 60		
Inventory change code: I/O code:	03K 12					Passiv	e error messa	ges			
Measurement date: Results file name:	19. 06. 26 09:59: 96QJ5913. VER	13					wn alpha cali	bration			
Inspection number: Item id: Stratum id:	PB2 201906 XXXX					Result	5	Sing	es:	1475, 089	+ 2.107
Material type: Original declared mass:	Pu 0. 000							Doub Trip	es: les:	7. 648 0. 000	+- 0. 827 +- 0. 000
Measurement option: Data source: QC tests:	Verification Review disk file On	•						Scaler Scaler		49. 967 0. 000	
Error calculation: Accidentals method:	Sample method Measured						e cycle raw d				
Inspector name: Passive comment:						Cycle 1 2	Singles 88454 88799	R+A 8691 8820	A 8261 8436	Scaler1 3044 3022	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code:	Default CO					3 4	88257 89350	8473 9072	8339 8689	3040 2919	0 Pass 0 Pass
Pu238: Pu239: Pu240:	0.0000 +- 0.	0000 0000 0000	0.0000 +- 0.0000 +- 100.0000 +-	0. 0000 0. 0000 0. 0000		5 6 7	88981 89339 89181	9057 8858 8957	8434 8532 8422	3010 3057 3100	0 Pass 0 Pass 0 Pass
Pu241: Pu242: Pu date:		0000 0000	0.0000 +- 0.0000 +- 19.06.26	0.0000 0.0000		8 9 10	88355 88903 88579	8969 8968 8982	8366 8391 8386	3097 3015 3016	0 Pass 0 Pass 0 Pass
Am241: Am date:		0000	0. 0000 +- 19. 06. 26	0.0000			e cycle rate		0300	3010	U Pass
Predelav:	1. 50					Cvcle	Singles	Doub le	es	Triples	Mass QC Tests
Gate length: 2nd gate length:	64. 00 64. 00					1 2	1468. 993 1474. 743	7. 16 6. 39	97	0. 000 0. 000	0.000 Pass 0.000 Pass
High voltage: Die away time: Efficiency:	1720 50. 0000 0. 0127					3 4 5	1465. 709 1483. 926 1477. 776	2. 23 6. 38 10. 38	30	0. 000 0. 000 0. 000	0. 000 Pass 0. 000 Pass 0. 000 Pass
Multiplicity deadtime: Coefficient A deadtime:	0. 0000 0. 0000					6 7	1483. 743 1481. 109	5. 4 3 8. 91	13	0. 000 0. 000	0. 000 Pass 0. 000 Pass
Coefficient B deadtime: Coefficient C deadtime:	0. 0000 0. 0000					8 9 10	1467. 343 1476. 476	10. 04 9. 61	13	0.000	0. 000 Pass 0. 000 Pass
Doubles gate fraction: Triples gate fraction:	0. 0001 0. 0001					10	1471. 076	9. 93	ou .	0. 000	0. 000 Pass
Normalization constant:	1.0000 +-	0.0000									
Passive singles bkgrnd: Passive doubles bkgrnd:	5. 241 +- 0. 003 +-	0.000 0.000									
		(1)								(2)	

201906_AFAS-P Bottom Fork_Position3.txt

Normalization constant:

Passive singles bkgrnd: Passive doubles bkgrnd: 1.0000 +-

5. 241 +-0. 003 +- 0.0000

0. 000 0. 000 (1)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                             Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0. 000 +-
0. 567
                                                                                                                                                                                                                                                                                                                                                                              0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                             Passive scaler2 bkgrnd
                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                               Number passive cycles:
                                                                                                                                                                                                                                                                                           Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                          Passive error messages
                                                            19. 06. 26 10:15:18
96QK1518. VER
                                                                                                                                                                                                                                                                          No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                           Results
                                                            PB3 201906
                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                               787, 438 +-
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                  1.541
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                 1.807 +-
0.000 +-
63.592 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 234
0. 000
0. 248
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                          Passive cycle raw data
                                                                                                                                                                                                                                                                                                                            R+A
2611
2531
2550
                                                                                                                                                                                                                                                                                             Singles
47598
47061
47395
                                                                                                                                                                                                                                                                                                                                                                             Scaler1
3773
3814
3916
                                                                                                                                                                                                                                                                                                                                                                                                       Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                                                                        A
2447
2458
2434
                         Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                  47395
47901
47479
47453
47331
47848
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                              2558
2527
2547
2518
                                                                                                                                                                                                                                                                                                                                                        2405
2425
2493
2485
                                                                                                                                                                                                                                                                                                                                                                                  3874
3839
3919
3856
                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                     0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                        2425
2458
2417
                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                               2528
                                          Pu241:
                                                                                                                                                                                                                                                                                  8
                                                                                                                                                                                                                                                                                                                                                                                    3805
                                          Pu242:
                                                                                                                                                                                                                                                                                                   47512
                                                                                                                                                                                                                                                                                                                               2595
2568
                                                                                                                                                                                                                                                                                                                                                                                    3870
                                    Pu242:
Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000
00. 01. 01
                                                                                                                      19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                                                                                                                                                                                                                10
                                                                                                                                                                                                                                                                                                   48029
                                                                                              0.0000
                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                           Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                     Doubles
2. 730
1. 213
1. 930
2. 547
1. 697
                                                                                                                                                                                                                                                                                                                                                                       Triples
0.000
0.000
0.000
0.000
0.000
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                                                    Singles
                                                                                                                                                                                                                                                                          Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                             Mass QC Tests
0.000 Pass
                                                               64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                      788, 059
                                                                                                                                                                                                                                                                                                     779. 109
784. 676
793. 109
786. 076
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                          0. 897
0. 547
1. 713
2. 280
2. 513
                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                  6
7
                                                                                                                                                                                                                                                                                                     785, 643
                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
                                                                                                                                                                                                                                                                                                     783 609
                                                                                                                                                                                                                                                                                                     792. 226
786. 626
795. 243
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
 Normalization constant:
                                                                                                     0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      5. 241 +-
0. 003 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                  (2)
```

	201906_AFAS-P	Bottom Fo	ork_Position4.t	xt			2019	906_AFAS-P	Bottom For	_Position4	. txt
INCC 5. 1. 2						ve triples bkg ve scaler1 bkg		0.000 +- 0.567	0.000		
Facility: Material balance area:	JMOX JM2G					ve scaler2 bkg		0. 000			
Detector type: Detector id:	JSR_03 JSR_03				Numbe	er passive cyc Count time (s		10 60			
Electronics id: Inventory change code: I/O code:	JSR-12				Passive	e error messag	ges				
Measurement date: Results file name:	19. 06. 26 10:3 96QK3122. VER	31:22				wn alpha calib	oration				
Inspection number: Item id:	PB4 201906				Results	5					
Stratum id: Material type:	XXXX Pu						Dou	gles: bles:	1674. 838 9. 582	+- 0.5	80
Original declared mass: Measurement option: Data source:	0.000 Verification Review disk f	ilo					Scal	ples: er 1: er 2:	0. 000 275. 682 0. 000	+- 0.4	69
QC tests: Error calculation:	On Sample method				Passiv	e cvcle raw da		er z.	0.000	- 0.0	00
Accidentals method: Inspector name:	Measured				Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
Passive comment:					1 2	100519 100929	11417 11592	10740 10881	16545 16684	0 0	Pass Pass
Isotopics id: Isotopics source_code:	Default CO				3	100638 101065	11250 11456	10827 11015	16702 16475	0	Pass Pass
Pu238: Pu239:	0.0000 +- 0.0000 +-	0.0000	0.0000 +- 0.0000 +-	0.0000	5 6 7	101087 101111	11557 11723	11002 11036	16557 16534	0	Pass Pass
Pu240: Pu241: Pu242:	100.0000 +- 0.0000 +- 0.0000 +-	0.0000 0.0000 0.0000	100.0000 +- 0.0000 +- 0.0000 +-	0. 0000 0. 0000 0. 0000	8 9	101073 100607 100417	11542 11327 11285	10879 10726 10841	16436 16569 16680	0 0 0	Pass Pass Pass
Pu date: Am241:	00.01.01	0.0000	19. 06. 26 0. 0000 +-	0.0000	10	100601	11445	10896	16567	0	Pass
Am date:	00. 01. 01		19. 06. 26		Passive	e cycle rate o	data				
Predelay: Gate length:	1.50 64.00				Cycle 1	Singles 1670.076	Doub 11.	280	Triples 0.000	Mass 0. 000	Pass
2nd gate length: High voltage:	64. 00 1720				2 3 4	1676. 909 1672. 059		847 047 347	0. 000 0. 000	0. 000 0. 000	Pass
Die away time: Efficiency: Multiplicity deadtime:	50. 0000 0. 0127 0. 0000				5 6	1679. 176 1679. 543 1679. 943		247	0. 000 0. 000 0. 000	0. 000 0. 000 0. 000	Pass
Coefficient A deadtime: Coefficient B deadtime:	0. 0000 0. 0000				7 8	1679. 309 1671. 543	11. 10.	047	0. 000 0. 000	0. 000 0. 000	Pass
Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0. 0000 0. 0001 0. 0001				9 10	1668. 376 1671. 443	7.	397 147	0. 000 0. 000	0. 000 0. 000	Pass

201906_AFAS-P Bottom Fork_Position5.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                  Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                0. 000 +-
0. 567
                                                                                                                                                                                                                                                                                                                                          0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                   Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                    Number passive cycles:
                                                                                                                                                                                                                                                               Count time (sec)
                                                      JSR-12
   Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                Passive error messages
                                                      19. 06. 26 10:47:26
96QK4726. VER
                                                                                                                                                                                                                                                No known alpha calibration
                                                                                                                                                                                                                                                 Results
            Inspection number
                                                      PB5 201906
                       Item id:
Stratum id:
                                                                                                                                                                                                                                                                                                                                         1495, 311 +-
                                                      XXXX
                                                                                                                                                                                                                                                                                                        Singles:
                                                                                                                                                                                                                                                                                                                                                                          1.378
 Stratum Id:
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                     Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                     Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                          9. 140 +-
0. 000 +-
149. 782 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                          0. 736
0. 000
0. 726
0. 000
                                                      On
Sample method
Measured
          Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                                                                Passive cycle raw data
                                                                                                                                                                                                                                                                Singles
89754
90065
89972
                                                                                                                                                                                                                                                                                              R+A
9083
9171
9246
                                                                                                                                                                                                                                                                                                                                         Scaler 1
9215
9182
8876
                                                                                                                                                                                                                                                                                                                                                                Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                 Cycle
                                                                                                                                                                                                                                                                                                                      A
8505
8771
8567
                      Isotopics id: Default
   Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                      0. 0000 +-
0. 0000 +-
100. 0000 +-
                                                                                                                                                                                                                                                                                               9190
8992
9151
9098
                                                                                                                                                                                                                                                                                                                      8713
8294
8511
8436
                                                                                                                                                                                                                                                                                                                                              8855
8976
8932
8998
                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                      90284
                                                                                                                                                                                                                                                                                                                                                                            0
0
0
0
0
0
                                                                                    0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                       0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                      89735
89698
90118
                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
                                                          0.0000 +-
0.0000 +-
                                                                                                                                        0.0000
0.0000
                                     Pu241:
                                                                                                                                                                                                                                                                      90086
                                                                                                                                                                                                                                                                                               9232
                                                                                                                                                                                                                                                                                                                        8588
                                                                                                                                                                                                                                                                                                                                               9103
                                     Pu242:
                                                                                                                                                                                                                                                                      90539
                                                                                                                                                                                                                                                                                               9196
                                                                                                                                                                                                                                                                                                                        8873
                                                                                                                                                                                                                                                                                                                                               9179
                                Pu242:
Pu date:
Am241:
Am date:
                                                      00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                          19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                                                                                                                                                                                     10
                                                                                                                                                                                                                                                                      90080
                                                                                                                                                                                                                                                                                                                                               8893
                                                                                    0.0000
                                                                                                                                        0.0000
                                                                                                                                                                                                                                                 Passive cycle rate data
                               Predelay:
                                                            1.50
64.00
                                                                                                                                                                                                                                                                       Singles
                                                                                                                                                                                                                                                Cvcle
                                                                                                                                                                                                                                                                                                     Doub I es
                                                                                                                                                                                                                                                                                                                                    Triples
                                                                                                                                                                                                                                                                                                                                                                      Mass QC Tests
0.000 Pass
               Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                        9. 630
6. 663
11. 313
7. 947
11. 630
                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                      1490, 659
                                                         64. 00
1720
50. 0000
0. 0127
                                                                                                                                                                                                                                                                      1495. 843
1494. 293
1499. 493
1490. 343
                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                               0.0000
                                                                                                                                                                                                                                                      6
7
                                                                                                                                                                                                                                                                      1489.726
                                                                                                                                                                                                                                                                                                        10, 663
                                                                                                                                                                                                                                                                                                                                        0.000
0.000
                                                                                                                                                                                                                                                                                                                                                                      0.000
                                                                                                                                                                                                                                                                                                                                                                                    Pass
                                                                                                                                                                                                                                                                                                        11. 030
10. 730
5. 380
6. 413
                                                               0.0000
                                                                                                                                                                                                                                                                       1496 726
                                                                                                                                                                                                                                                                                                                                                                                    Pass
                                                               0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                      1496. 193
1503. 743
1496. 093
                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
                                                               1.0000 +-
 Normalization constant:
                                                                                           0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                               5. 241 +-
0. 003 +-
                                                                                             (1)
                                                                                                                                                                                                                                                                                                                                              (2)
```

201906_AFAS-	P Bottom	Fork_Position6.	txt	

0.0000

	201906_AFAS-P Bottom Fork_Position6.txt
INCC 5. 1. 2	
Facility: Material balance area: Detector type: Detector id: Electronics id: Inventory change code: 1/0 code: Measurement date: Results file name: Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: 0C tests:	JMOX JM26 JSR_03 JSR_03 JSR_12 19. 06. 26 11:12:33 960L1233. VER PB6 201906 XXXX Pu 0. 000 Verification Review disk file On
Error calculation: Accidentals method: Inspector name: Passive comment:	Sample method Measured
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu240: Pu241: Pu242:	$\begin{array}{llllllllllllllllllllllllllllllllllll$

Pu date:	00.01.01		19. 06. 2
Am241:	0.0000 +-	0.0000	0.000
Am date:	00. 01. 01		19. 06. 2
Predelay:	1. 50		
Gate length:			
2nd gate length:			
High voltage:			
Die away time:			
Efficiency:	0.0127		
Multiplicity deadtime:	0.0000		
Coefficient A deadtime:	0.0000		
Coefficient B deadtime:	0.0000		
Coefficient C deadtime:	0.0000		
Doubles gate fraction:	0.0001		
Triples gate fraction:	0.0001		
Normalization constant:	1.0000 +-	0.0000)
Passive singles bkgrnd:	5, 241 +-	0.000	
Passive doubles bkgrnd:	0.003 +-	0.000	

(1)

201906_AFAS-P Bottom Fork_Position6.txt

0.000 +-Passive triples bkgrnd: 0.000 0. 567 0. 000 Number passive cycles Count time (sec) 60 Passive error messages No known alpha calibration Results

> 1. 805 0. 563 0. 000 0. 397 0. 000 Singles: Doubles: Triples: 2019. 133 +-13. 718 +-0. 000 +-75. 203 +-Scaler 1: Scaler 2: 0.000 +-

Passive cycle raw data

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	121537	16726	15766	4568	0	Pass
2	122007	16567	15947	4614	0	Pass
3	121506	16566	15756	4497	0	Pass
4	121644	16699	15893	4569	0	Pass
5	121399	16578	15888	4523	0	Pass
6	121001	16470	15625	4519	0	Pass
7	121446	16624	15809	4548	0	Pass
8	120805	16321	15413	4428	0	Pass
9	121695	16677	15725	4492	0	Pass
10	121584	16415	15588	4704	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	2020. 376	15. 997	0.000	0.000	Pass
2	2028. 209	10. 330	0.000	0.000	Pass
3	2019.859	13. 497	0.000	0.000	Pass
4	2022. 159	13. 430	0.000	0.000	Pass
5	2018.076	11. 497	0.000	0.000	Pass
6	2011. 443	14. 080	0.000	0.000	Pass
7	2018.859	13. 580	0.000	0.000	Pass
8	2008. 176	15. 130	0.000	0.000	Pass
9	2023.009	15. 863	0.000	0.000	Pass
10	2021. 159	13. 780	0.000	0.000	Pass

(2)

```
201906_AFAS-P Bottom Fork_Position7.txt
```

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                  Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                        0. 000 +-
0. 567
                                                                                                                                                                                                                                                                                                                                                                                      0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                   Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                                                     Number passive cycles:
                                                                                                                                                                                                                                                                                                 Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                Passive error messages
                                                             19.06.26 13:23:07
96QN2307. VER
                                                                                                                                                                                                                                                                                No known alpha calibration
             Results
                                                             PB7 201906
                                                                                                                                                                                                                                                                                                                                            Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                    5194, 809 +-
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                          3.081
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                      103. 595 +-
0. 000 +-
116. 797 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                          2. 629
0. 000
0. 521
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                                Passive cycle raw data
                                                                                                                                                                                                                                                                                                   Singles
312549
312114
312494
                                                                                                                                                                                                                                                                                                                                 R+A
109888
110332
110876
                                                                                                                                                                                                                                                                                                                                                                                    Scaler1
6933
7206
6918
                                                                                                                                                                                                                                                                                                                                                                                                              Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                 Cycle
                                                                                                                                                                                                                                                                                                                                                           A
104311
103970
104579
                         Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                      311305
311635
311686
311442
                                                                                                                                                                                                                                                                                                                                 109125
110143
109732
109999
                                                                                                                                                                                                                                                                                                                                                           103517
103604
103646
103771
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                           7083
6946
6987
7087
7042
7040
7176
                                                                                                                                                                                                                                                                                                                                                                                                                             0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                     311644
313168
311993
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
                                                                                                                                                                                                                                                                                      8
9
10
                                                                                                                                                                                                                                                                                                                                 109606
                                           Pu241:
                                                                                                                                                                                                                                                                                                                                                            103682
                                           Pu242:
                                                                                                                                                                                                                                                                                                                                 110924
110315
                                                                                                                                                                                                                                                                                                                                                            103600
104101
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                        19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                              Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                        Singles
5203.909
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                Cvcle
                                                                                                                                                                                                                                                                                                                                            Doubles
92. 947
                                                                                                                                                                                                                                                                                                                                                                                                                     Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                        5196. 659
5202. 993
5183. 176
5188. 676
                                                                                                                                                                                                                                                                                                                                             106. 030
104. 947
93. 463
108. 980
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                            101. 430
103. 797
98. 730
122. 063
103. 563
                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                       6
7
                                                                                                                                                                                                                                                                                                         5189, 526
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
                                                                                                                                                                                                                                                                                                         5185 459
                                                                                                                                                                                                                                                                                                        5188. 826
5214. 226
5194. 643
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
 Normalization constant:
                                                                                                       0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       5. 241 +-
0. 003 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                          (2)
```

	201906_AFAS-P Bottom Fork_Position8.txt	t		201906_AFAS-	P Bottom Fork_Position8.txt
INCC 5. 1. 2			Passive triples Passive scaler1		- 0.000
Facility: Material balance area: Detector type:	JMOX JM2G JSR 03		Passive scaler2	-	
Detector id: Electronics id:			Count time	(sec): 60	
Inventory change code: I/O code:			Passive error mes		
Measurement date: Results file name: Inspection number:	19. 06. 26 13:39:11 96QN3911. VER		No known alpha ca Results	libration	
Item id:	PB8 201906				
Stratum id: Material type: Original declared mass:	Pu 0. 000			Singles: Doubles: Triples:	45099. 764 +- 14. 547 7666. 075 +- 12. 744 0. 000 +- 0. 000
Measurement option: Data source: QC tests:	Verification Review disk file On			Scaler 1: Scaler 2:	364. 250 + 0. 574 0. 000 + 0. 000
Error calculation: Accidentals method:	Sample method Measured		Passive cycle raw	data	
Inspector name: Passive comment:			Cycle Singles 1 2705705 2 2702560	R+A A 8265822 7809474 8250858 7791627	
Isotopics id: Isotopics source code:	CO	0,0000	3 2709488 4 2708736	8286563 7829287 8290332 7827385	21761 0 Pass 21838 0 Pass
Pu238: Pu239: Pu240:	0.0000 +- 0.0000 0.0000 +- 100.0000 +- 0.0000 100.0000 +-	0.0000 0.0000	6 2705667 7 2703311	8295174 7835394 8269138 7807714 8262485 7798141	22141 0 Pass 21811 0 Pass
Pu241: Pu242: Pu date:		0. 0000 0. 0000	8 2707971 9 2702979 10 2706419	8277857 7818029 8249585 7790825 8271787 7812078	21881 0 Pass
Am241:		0.0000	Passive cycle rate		21011
Predelay:	1. 50		Cycle Single		Triples Mass QC Tests
Gate length: 2nd gate length:	64. 00 64. 00		1 45089. 84 2 45037. 42	6 7653. 847	0.000 0.000 Pass 0.000 0.000 Pass
High voltage: Die away time:	1720 50. 0000		3 45152. 89 4 45140. 35	9 7715. 780	0.000 0.000 Pass 0.000 0.000 Pass
Efficiency: Multiplicity deadtime:	0. 0127 0. 0000		5 45164. 20 6 45089. 20		0.000 0.000 Pass 0.000 0.000 Pass
Coefficient A deadtime:	0.0000		7 45049. 94		0.000 0.000 Pass
Coefficient B deadtime: Coefficient C deadtime:	0. 0000 0. 0000		8 45127. 609 9 45044. 409		0.000 0.000 Pass 0.000 0.000 Pass
Doubles gate fraction: Triples gate fraction:	0. 0001 0. 0001		10 45101. 74		0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000				
Passive singles bkgrnd: Passive doubles bkgrnd:	5. 241 +- 0. 000 0. 003 +- 0. 000				
	(1)				(2)

201906_AFAS-P Bottom Fork_Position9.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000 +-
0.567
                                                                                                                                                                                                                                                                                                                                                                              0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                             Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                               Number passive cycles:
                                                                                                                                                                                                                                                                                           Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                          Passive error messages
                                                            19.06.26 13:56:16
96QN5616.VER
                                                                                                                                                                                                                                                                          No known alpha calibration
                                                                                                                                                                                                                                                                           Results
              Inspection number
                                                            PB9 201906
                         Item id:
Stratum id:
                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                             8626, 494 +-
                                                                                                                                                                                                                                                                                                                                                                                                                  4.957
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                             276. 303 +-
0. 000 +-
1221. 048 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                  4. 924
0. 000
1. 430
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                          Passive cycle raw data
                                                                                                                                                                                                                                                                                             Singles
517552
519562
515836
                                                                                                                                                                                                                                                                                                                          R+A
303330
306041
301053
                                                                                                                                                                                                                                                                                                                                                                             Scaler 1
73532
73555
73419
                                                                                                                                                                                                                                                                                                                                                                                                      Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                                                                     288270
284141
                         Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                    284141
286777
285897
288008
285568
286647
285642
286586
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                518272
517485
518502
518056
                                                                                                                                                                                                                                                                                                                          303334
301514
302860
302569
                                                                                                                                                                                                                                                                                                                                                                                 72919
73013
73264
73308
                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                     0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                               517970
517663
518143
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                          Pu241:
                                                                                                                                                                                                                                                                                 8
                                                                                                                                                                                                                                                                                                                          302790
                                                                                                                                                                                                                                                                                                                                                                                 73167
                                          Pu242:
                                                                                                                                                                                                                                                                                                                          303074
302541
                                                                                                                                                                                                                                                                                                                                                                                 73032
73760
                                   Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                     19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                                                                                                                                                                                                                10
                                                                                              0.0000
                                                                                                                                                      0.0000
                                                                                                                                                                                                                                                                          Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                      Triples
0.000
0.000
0.000
0.000
0.000
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                                                  Singles
8620.626
                                                                                                                                                                                                                                                                          Cvcle
                                                                                                                                                                                                                                                                                                                                      Doubles
292. 397
                                                                                                                                                                                                                                                                                                                                                                                                             Mass QC Tests
0.000 Pass
                                                               64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                   8654. 126
8592. 026
8632. 626
8619. 509
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                 6
7
                                                                                                                                                                                                                                                                                                   8636, 459
                                                                                                                                                                                                                                                                                                                                      247. 530
283. 347
                                                                                                                                                                                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                                                                  8629. 026
8627. 593
8622. 476
8630. 476
                                                                                                                                                                                                                                                                                                                                     269. 047
290. 530
265. 913
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
 Normalization constant:
                                                                                                     0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      5. 241 +-
0. 003 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                  (2)
```

	201906_AFAS-P Bottom Fork_Position10.txt		201906_AFAS-P	Bottom Fork_Position10.txt
INCC 5.1.2 Facility:		Passive triples bkgr Passive scaler1 bkgr Passive scaler2 bkgr	rnd: 0. 567	0.000
Material balance area: Detector type: Detector id: Electronics id:	JSR_03 JSR_03	Number passive cycl Count time (se		
Inventory change code:	00N 12	Passive error message	es	
Measurement date: Results file name:	19. 06. 26 14:12:20 96001220. VER	No known alpha calibr	ration	
Inspection number: Item id:	PB10 201906	Results		
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	Pu 0.000 Verification		Singles: Doubles: Triples: Scaler 1: Scaler 2:	3652.846 \(- \) 2.552 50.098 \(- \) 2.534 0.000 \(- \) 0.000 2779.753 \(- \) 3.198 0.000 \(- \) 0.000
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw dat	ta	
Inspector name: Passive comment:		1 219228	R+A A 54338 51091 53637 51444	Scaler1 Scaler2 QC Tests 166732 0 Pass 167873 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3 218802 4 219728 5 219236 6 220378 7 219745 8 219761 9 219000 10 219861	54071 50841 54898 51127 53986 51696 54588 51848 54462 51380 54567 51580 54260 51060 54846 51525	167135 0 Pass 166987 0 Pass 166835 0 Pass 165610 0 Pass 165687 0 Pass 166746 0 Pass 167365 0 Pass 166322 0 Pass
Am date:		Passive cycle rate da		Totales New OO Tests
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0127 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0001	Cyc le Sing les Sing	Doub les 54. 113 36. 547 53. 830 62. 847 38. 163 45. 663 51. 363 49. 780 55. 330 55. 347	Triples Mass QC Tests 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 ← 0.0000 5.241 ← 0.000			
Passive doubles bkgrnd:	5. 241 ÷ 0. 000 0. 003 ÷ 0. 000			

```
0.000 +-
0.567
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                           Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                                   0.000
   Facility: JMOX
Material balance area: JM26
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                            Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                              Number passive cycles:
                                                                                                                                                                                                                                                                                                           Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                         Passive error messages
                                                               19. 06. 26 09:42:08
96QJ4208. VER
                                                                                                                                                                                                                                                                                         No known alpha calibration
              Results
                                                               PC1 201906
XXXX
                                                                                                                                                                                                                                                                                                                                                        Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                 1196, 843 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                        1, 418
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                               Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                      5. 000 +-
0. 000 +-
58. 192 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                        0. 589
0. 000
0. 326
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                         Passive cycle raw data
                                                                                                                                                                                                                                                                                                             Singles
72003
71877
72324
                                                                                                                                                                                                                                                                                                                                               R+A
5824
5832
5855
                                                                                                                                                                                                                                                                                                                                                                                                 Scaler 1
3540
3437
3597
                                                                                                                                                                                                                                                                                                                                                                                                                            Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                          Cycle
                                                                                                                                                                                                                                                                                                                                                                            A
5523
5378
5696
                         Isotopics id: Default
                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                            5665
5669
5733
5547
5340
5532
5503
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                  72536
72207
72504
71973
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6049
5802
5875
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3497
3513
3502
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Pass
Pass
Pass
Pass
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0
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0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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5864
5790
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
                                                                                                                                                                                                                                                                                               8
9
10
                                                                                                                                                                                                                                                                                                                   71715
                                            Pu241:
                                                                                                                                                                                                                                                                                                                                                                                                        3520
                                            Pu242:
                                                                                                                                                                                                                                                                                                                   72051
71985
                                                                                                                                                                                                                                                                                                                                                                                                        3441
3614
                                     Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                            19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                                   0.0000
                                                                                                                                                               0.0000
                                                                                                                                                                                                                                                                                         Passive cycle rate data
                                                                 1. 50
64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                        Doubles
5. 015
7. 566
2. 648
5. 115
6. 332
1. 147
5. 465
                                                                                                                                                                                                                                                                                                                                                                                          Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                   Singles
1194. 934
                                                                                                                                                                                                                                                                                         Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                                   Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                   1192. 833
1200. 285
1203. 819
1198. 335
                                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
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0. 000
0. 000
0. 000
0. 000
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Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                 6
                                                                                                                                                                                                                                                                                                                   1203. 286
1194. 434
                                                                                                                                                                                                                                                                                                                   1194, 434
1190, 133
1195, 734
1194, 634
                                                                                                                                                                                                                                                                                                                                                             6. 399
5. 532
4. 782
                                                                          1.0000 +-
                                                                                                          0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                          5. 241 +-
0. 003 +-
                                                                                                            (1)
                                                                                                                                                                                                                                                                                                                                                                                                       (2)
```

	201906_AFAS-P_Collar_Position2.txt		201906_AFAS	S-P Collar_Position2.txt
INCC 5. 1. 2		Passive triples bkgr Passive scaler1 bkgr		0.000
Facility: Material balance area:	JMOX JM2G	Passive scaler2 bkgr		
Detector type: Detector id:	JSR_03 JSR_03	Number passive cycl Count time (se		
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error message	es	
Measurement date: Results file name:	19. 06. 26	No known alpha calibr	ration	
Inspection number: Item id:	PC2 201906 XXXX	Results	0:	1475, 279 +- 2, 108
Stratum id: Material type: Original declared mass: Measurement option: Data source:	AAAA Pu 0.000 Verification Review disk file		Singles: Doubles: Triples: Scaler 1: Scaler 2:	7. 652 + 0. 828 0. 000 + 0. 000 49. 967 + 0. 270 0. 000 + 0. 000
QC tests: Error calculation: Accidentals method:	neview disk file On Sample method Measured	Passive cycle raw dat		0.000
Inspector name: Passive comment:		Cycle Singles 1 88454 2 88799	R+A A 8691 8261 8820 8436	Scaler1 Scaler2 QC Tests 3044 0 Pass 3022 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242:	$\begin{array}{llllllllllllllllllllllllllllllllllll$	3 88257 4 89350 5 88981 6 89339 7 89181 8 88355 9 88903	8473 8339 9072 8689 9057 8434 8858 8532 8957 8422 8969 8366 8968 8391	3040 0 Pass 2919 0 Pass 3010 0 Pass 3057 0 Pass 3100 0 Pass 3100 0 Pass 3097 0 Pass 3015 0 Pass
Pu date: Am241: Am date:	00.01.01 19.06.26 0.0000 - 0.0000 0.0000 - 0.0000 0.0000 - 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.000000	10 88579 Passive cycle rate da	8982 8386 ata	3016 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1620 86. 5000 0. 3458 0. 0299 0. 0000 0. 0001	Cycle Singles 1 1469.181 2 1474.932 3 1465.896 4 1484.118 5 1477.966 6 1483.934 7 1481.300 8 1467.530 9 1476.666 10 1471.264	Doub les 7. 167 6. 400 2. 231 6. 383 10. 385 5. 433 8. 918 10. 052 9. 618 9. 935	Triples Mass QC Tests 0.000 0.000 Pass 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 +- 0.0000 5.241 ← 0.000			
Passive doubles bkgrnd:	5. 241 + 0. 000 0. 003 + 0. 000			

```
0.000 +-
0.567
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                    Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                         0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                     Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                                       Number passive cycles:
                                                                                                                                                                                                                                                                                                   Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                  Passive error messages
                                                              19. 06. 26 10:15:18
96QK1518. VER
                                                                                                                                                                                                                                                                                  No known alpha calibration
              Results
                                                              PC3 201906
XXXX
                                                                                                                                                                                                                                                                                                                                              Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                         787, 492 +-
                                                                                                                                                                                                                                                                                                                                                                                                                             1.541
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                           1.807 +-
0.000 +-
63.592 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                             0. 234
0. 000
0. 248
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                  Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                     R+A
2611
2531
2550
2550
                                                                                                                                                                                                                                                                                                     Singles
47598
47061
47395
                                                                                                                                                                                                                                                                                                                                                                                       Scaler1
3773
3814
3916
                                                                                                                                                                                                                                                                                                                                                                                                                  Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                   Cycle
                                                                                                                                                                                                                                                                                                                                                                  A
2447
2458
2434
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                          47901
47479
47453
47331
47848
                                                                                                                                                                                                                                                                                                                                       2558
2527
2547
2518
2528
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                  2405
2425
2493
2485
                                                                                                                                                                                                                                                                                                                                                                                             3874
3839
3919
3856
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
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0
0
0
0
0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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2458
2417
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
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9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                                                                                                              3805
                                           Pu242:
                                                                                                                                                                                                                                                                                                           47512
                                                                                                                                                                                                                                                                                                                                        2595
2568
                                                                                                                                                                                                                                                                                                                                                                                              3870
3829
                                     Pu242:
Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                         19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                                                                                                                                                                                                                                           48029
                                                                                                0.0000
                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                  Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                              Doubles
2. 731
1. 214
1. 930
2. 547
1. 697
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                             Singles
788.114
                                                                                                                                                                                                                                                                                  Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                        Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                             779. 163
784. 730
793. 164
786. 130
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                   0. 897
0. 547
1. 714
2. 280
2. 514
                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
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0. 000
0. 000
0. 000
0. 000
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Pass
Pass
Pass
Pass
Pass
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7
                                                                                                                                                                                                                                                                                                             785, 697
                                                                                                                                                                                                                                                                                                             783 663
                                                                                                                                                                                                                                                                                                             792. 281
786. 680
795. 298
                                                                        1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        5. 241 +-
0. 003 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                             (2)
```

	201906_AFAS-P Collar_Position4.txt	201906_AFAS-P Collar_Position4.txt
INCC 5. 1. 2		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.567
Facility: Material balance area: Detector type:	JM2G JSR_03	Passive scaler2 bkgrnd: 0.000 Number passive cycles: 10
Detector id: Electronics id: Inventory change code:	JSR_03 JSR-12	Count time (sec): 60 Passive error messages
I/O code: Measurement date: Results file name:	19. 06. 26 10:31:22 960K3122. VER	No known alpha calibration
Inspection number: Item id: Stratum id:	PC4 201906 XXXX	Results Singles: 1675.082 ← 1.437
Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file	Doubles: 9.587 ← 0.581 Triples: 0.000 ← 0.000 Scaler 1: 275.682 ← 0.469 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 100519 11417 10740 16545 0 Pass 2 100929 11592 10881 16684 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239:	Default CO 0.0000 +- 0.0000	3 100638 11250 10827 16702 0 Pass 4 101065 11456 11015 16475 0 Pass 5 101087 11557 11002 16557 0 Pass 6 101111 11723 11036 16554 0 Pass
Pu240: Pu241: Pu242:	$\begin{array}{llllllllllllllllllllllllllllllllllll$	7 101073 11542 10879 16436 0 Pass 8 100607 11327 10726 16569 0 Pass 9 100417 11285 10841 16680 0 Pass
Pu date: Am241: Am date:	$\begin{array}{ccccc} 00.01.01 & & 19.06.26 \\ 0.0000 & - & 0.0000 & 0.0000 & - & 0.0000 \\ 00.01.01 & & & & & & & & & & & & & & & & & & &$	10 100601 11445 10896 16567 0 Pass Passive cycle rate data
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Coefficient Coedatime: Toiples gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.1620 86.5000 0.3458 0.0299 0.0000 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 1670.319 11.286 0.000 0.000 Pass 2 1677.154 11.853 0.000 0.000 Pass 3 1672.303 7.051 0.000 0.000 Pass 4 1679.421 7.351 0.000 0.000 Pass 5 1679.788 9.252 0.000 0.000 Pass 6 1680.188 11.453 0.000 0.000 Pass 7 1679.555 11.053 0.000 0.000 Pass 8 1671.786 10.019 0.000 0.000 Pass 9 1668.618 7.401 0.000 0.000 Pass 10 1671.686 9.152 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	5. 241 +- 0. 000 0. 003 +- 0. 000	

```
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                              0.000 +-
0.567
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                                                             0.000
   Facility: JMOX
Material balance area: JM26
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                                          Number passive cycles:
                                                                                                                                                                                                                                                                                                      Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                     Passive error messages
                                                              19. 06. 26 10:47:26
96QK4726. VER
                                                                                                                                                                                                                                                                                     No known alpha calibration
             Results
                                                              PC5 201906
                                                                                                                                                                                                                                                                                                                                                  Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                            1495, 506 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                  1.378
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                             9. 145 +-
0. 000 +-
149. 782 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                  0. 736
0. 000
0. 726
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                     Passive cycle raw data
                                                                                                                                                                                                                                                                                                        Singles
89754
90065
89972
                                                                                                                                                                                                                                                                                                                                         R+A
9083
9171
9246
                                                                                                                                                                                                                                                                                                                                                                                           Scaler1
9215
9182
8876
                                                                                                                                                                                                                                                                                                                                                                                                                     Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                      Cycle
                                                                                                                                                                                                                                                                                                                                                                      A
8505
8771
8567
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                           9190
8992
9151
9098
                                                                                                                                                                                                                                                                                                                                                                      8713
8294
8511
8436
                                                                                                                                                                                                                                                                                                                                                                                                  8855
8976
8932
8998
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
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0
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0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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89698
90118
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8873
8682
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                  9103
9179
                                           Pu241:
                                                                                                                                                                                                                                                                                            8
                                                                                                                                                                                                                                                                                                              90086
                                                                                                                                                                                                                                                                                                                                            9232
                                           Pu242:
                                                                                                                                                                                                                                                                                                              90539
                                                                                                                                                                                                                                                                                                                                            9196
9067
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                          19. 06. 26
0. 0000 +-
19. 06. 26
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                                                                                                                                                                                                                                                                                                                                                                                                  8893
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                     Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                     Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                 Doubles
9. 635
6. 667
11. 319
7. 951
11. 636
                                                                                                                                                                                                                                                                                                              Singles
1490.853
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                     Cvcle
                                                                 64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                              1496. 038
1494. 487
1499. 688
1490. 536
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                     10. 669
11. 036
10. 735
5. 383
6. 417
                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                            6
                                                                                                                                                                                                                                                                                                              1489. 919
1496. 921
                                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
                                                                                                                                                                                                                                                                                                              1496. 388
1503. 940
1496. 288
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                        1.0000 +-
                                                                                                         0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        5. 241 +-
0. 003 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                 (2)
```

	201906_AFAS-P Collar_Position6.txt	201906_AFAS-P Collar_Position6.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.567 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JM2G JSR_03 JSR_03	Number passive cycles: 10 Count time (sec): 60
Inventory change code:	JSR-12	Passive error messages
Measurement date: Results file name:	19.06.26 11:12:33 96QL1233. VER	No known alpha calibration
Inspection number: Item id:	PC6 201906	Results
Stratum id: Material type: Original declared mass: Measurement option: Data source:	Verification Review disk file	Singles: 2019.487 ← 1.805 Doubles: 13.728 ← 0.563 Triples: 0.000 ← 0.000 Scaler 1: 75.203 ← 0.397 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	measureu	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 121537 16726 15766 4568 O Pass 2 122007 16567 15947 4614 O Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000	3 121506 16566 15756 4497 0 Pass 4 121644 16699 15893 4569 0 Pass 5 121399 16578 15888 4523 0 Pass 6 121001 16470 15625 4519 0 Pass 7 121446 16624 15809 4548 0 Pass 8 120805 16321 15413 4428 0 Pass 9 121695 16677 15725 4492 0 Pass 10 121584 16415 15588 4704 0 Pass
	00. 01. 01 19. 06. 26	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Coefficient C facatime: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.1620 86.5000 0.3458 0.0299 0.0000 0.0001	Cycle Singles Doubles Triples Mass 0C Tests 1 2020. 731 16.008 0.000 0.000 Pass 2 2028. 567 10. 337 0.000 0.000 Pass 3 2020. 214 13. 506 0.000 0.000 0.000 Pass 4 2022. 515 13. 439 0.000 0.000 Pass 5 2018. 430 11. 505 0.000 0.000 Pass 6 2011. 794 14. 990 0.000 0.000 Pass 7 2019. 214 13. 589 0.000 0.000 Pass 8 2008. 527 15. 140 0.000 0.000 Pass 9 2023. 365 15. 874 0.000 0.000 Pass 10 2021. 514 13. 790 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	5. 241 +- 0. 000 0. 003 +- 0. 000	
	(1)	(2)

```
0.000 +-
0.567
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                 Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                    0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                  Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                                    Number passive cycles:
                                                                                                                                                                                                                                                                                                Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                               Passive error messages
                                                             19.06.26 13:23:07
96QN2307. VER
                                                                                                                                                                                                                                                                               No known alpha calibration
             Results
                                                             PC7 201906
                                                                                                                                                                                                                                                                                                                                           Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                  5197, 149 +-
                                                                                                                                                                                                                                                                                                                                                                                                                        3.084
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                    103. 781 +-
0. 000 +-
116. 797 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                        2. 634
0. 000
0. 521
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                               Passive cycle raw data
                                                                                                                                                                                                                                                                                                 Singles
312549
312114
312494
                                                                                                                                                                                                                                                                                                                               R+A
109888
110332
110876
                                                                                                                                                                                                                                                                                                                                                                                   Scaler1
6933
7206
6918
                                                                                                                                                                                                                                                                                                                                                                                                            Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                               Cycle
                                                                                                                                                                                                                                                                                                                                                          A
104311
103970
104579
                        Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                   311305
311635
311686
311442
311644
313168
311993
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                               109125
110143
109732
109999
                                                                                                                                                                                                                                                                                                                                                          103517
103604
103646
103771
                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                         7083
6946
6987
7087
7042
7040
7176
                                                                                                                                                                                                                                                                                                                                                                                                                           0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
                                                                                                                                                                                                                                                                                    8
9
10
                                                                                                                                                                                                                                                                                                                                109606
                                          Pu241:
                                                                                                                                                                                                                                                                                                                                                          103682
                                          Pu242:
                                                                                                                                                                                                                                                                                                                                110924
110315
                                                                                                                                                                                                                                                                                                                                                          103600
104101
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                       19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                               0.0000
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                               Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                            Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                       Singles
5206. 257
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                                   Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                               Cvcle
                                                                                                                                                                                                                                                                                                                                           Doubles
93.114
                                                                64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                       5199. 000
5205. 339
5185. 505
5191. 010
                                                                                                                                                                                                                                                                                                                                           106. 221
105. 136
93. 631
109. 176
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                      5191. 861
5187. 790
5191. 160
5216. 583
5196. 982
                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                      6
7
                                                                                                                                                                                                                                                                                                                                            101.612
                                                                                                                                                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                                                                                            103 983
                                                                                                                                                                                                                                                                                                                                           98. 907
122. 284
103. 750
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
                                                                                                      0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       5. 241 +-
0. 003 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                        (2)
```

	201906_AFAS-P Collar_Position8.txt	201906_AFAS-P Collar_Position8.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.567 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JM26 JSR_03 JSR_12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:	3012	Passive error messages
Measurement date: Results file name:	19.06.26 13:39:11 96QN3911. VER	No known alpha calibration
Inspection number: Item id:	PC8 201906	Results
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file On	Singles: 45276.676 + 14.661 Doubles: 7787.056 + 12.940 Triples: 0.000 + 0.000 Scaler 1: 364.250 + 0.574 Scaler 2: 0.000 + 0.000
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	moodul eu	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 2705705 8265822 7809474 21883 0 Pass 2 2702560 8250858 7791627 21945 0 Pass
Isotopics id: Isotopics source code: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01.01 19.06.26 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000	3 2709488 8286563 7829287 21761 0 Pass 4 2708736 8290332 7827385 21838 0 Pass 5 2710167 8295174 7835394 21852 0 Pass 6 2705667 8269138 7807714 22141 0 Pass 7 2703311 8262485 7798141 21811 0 Pass 8 2707971 8277857 7818029 21807 0 Pass 9 2702979 8249585 7790825 21881 0 Pass 10 2706419 8271787 7812078 21971 0 Pass
Am date:	00. 01. 01 19. 06. 26	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: Normalization constant:	1.50 64.00 64.00 1720 50.0000 0.1620 86.5000 0.3458 0.0299 0.0000 0.0001 1.0000 + 0.0000	Cycle Singles Doubles Triples Mass 0C Tests 1 45266.676 7725.800 0.000 0.000 0.000 Pass 2 45213.847 7774.466 0.000 0.000 Pass 3 45330.222 7741.681 0.000 0.000 Pass 4 45317.590 7837.656 0.000 0.000 Pass 5 45341.628 7784.104 0.000 0.000 Pass 6 45266.038 7811.733 0.000 0.000 Pass 7 45226.462 7861.060 0.000 0.000 Pass 8 45304.740 7784.817 0.000 0.000 Pass 9 45220.885 7766.511 0.000 0.000 Pass 10 45278.669 7782.733 0.000 0.000 Pass
Passive singles bkgrnd:	5. 241 +- 0. 000	
Passive doubles bkgrnd:	0.003 +- 0.000	

```
201906_AFAS-P Collar_Position9.txt
                                                                                                                                                                                                                                                                                                                                                       0.000 +-
0.567
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                 Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                    0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                 Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                                    Number passive cycles:
                                                                                                                                                                                                                                                                                                Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                               Passive error messages
                                                             19.06.26 13:56:16
96QN5616.VER
                                                                                                                                                                                                                                                                               No known alpha calibration
             Results
                                                             PC9 201906
                                                                                                                                                                                                                                                                                                                                          Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                  8632.943 +-
                                                                                                                                                                                                                                                                                                                                                                                                                        4.964
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                  277. 130 +-
0. 000 +-
1221. 048 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                        4. 939
0. 000
1. 430
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                               Passive cycle raw data
                                                                                                                                                                                                                                                                                                 Singles
517552
519562
515836
                                                                                                                                                                                                                                                                                                                               R+A
303330
306041
301053
                                                                                                                                                                                                                                                                                                                                                                                  Scaler 1
73532
73555
73419
                                                                                                                                                                                                                                                                                                                                                                                                            Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                               Cycle
                                                                                                                                                                                                                                                                                                                                                          288270
284141
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                         284141
286777
285897
288008
285568
286647
285642
286586
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                     518272
517485
518502
518056
                                                                                                                                                                                                                                                                                                                               303334
301514
302860
302569
                                                                                                                                                                                                                                                                                                                                                                                       72919
73013
73264
73308
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                          0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                       0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                   517970
517663
518143
                                                                                                                                                                                                                                                                                                                               302790
303074
302541
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
                                                                                                                                                                                                                                                                                    8
9
10
                                          Pu241:
                                                                                                                                                                                                                                                                                                                                                                                       73167
                                          Pu242:
                                                                                                                                                                                                                                                                                                                                                                                       73032
73760
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                       19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                               0.0000
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                               Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                            Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                       Singles
8627.066
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                               Cvcle
                                                                                                                                                                                                                                                                                                                                           Doubles
293. 271
                                                                                                                                                                                                                                                                                                                                                                                                                   Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                      8627, 066
8660, 616
8598, 423
8639, 084
8625, 947
8642, 923
8635, 478
                                                                                                                                                                                                                                                                                                                                          297. 069
282. 703
276. 773
261. 058
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                      6
7
                                                                                                                                                                                                                                                                                                                                           248. 271
284. 194
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
                                                                                                                                                                                                                                                                                                       8634. 043
8628. 918
8636. 930
                                                                                                                                                                                                                                                                                                                                          269. 852
291. 399
266. 709
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
                                                                                                      0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       5. 241 +-
0. 003 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                        (2)
```

	201906_AFAS-P Collar_Position10.txt	201906_AFAS-P Collar_Position10.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.567 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JSR_03 JSR_03	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name:	19. 06. 26 14:12:20 96001220. VER	No known alpha calibration
Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file	Results Singles: 3654.003 ← 2.553 Doubles: 50.162 ← 2.537 Triples: 0.000 ← 0.000 Scaler 1: 2779.753 ← 3.198 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method:		Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 219228 54338 51091 166732 0 Pass 2 219113 53687 51444 167873 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 100.0000 ← 0.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 0.01.01 19.06.26 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000	3 218802 54071 50841 167135 0 Pass 4 219728 54898 51127 166987 0 Pass 5 219236 53986 51696 166835 0 Pass 6 220378 54588 51848 165610 0 Pass 7 219745 54462 51380 166587 0 Pass 8 219761 54567 51580 166587 0 Pass 9 219000 54260 51060 167365 0 Pass 10 219861 54846 51525 166322 0 Pass Passive cycle rate data
Predelay:	1.50 64.00 1720 50.0000 0.1620 86.5000 0.3458 0.0299 0.0000 0.0001	Cycle Singles Doubles Triples Mass OC Tests 1 3649.714 54.182 0.000 0.000 Pass 2 3647.796 36.593 0.000 0.000 Pass 3 3642.610 53.898 0.000 0.000 Pass 4 3658.053 62.926 0.000 0.000 Pass 5 3649.847 38.211 0.000 0.000 Pass 6 3668.893 45.721 0.000 0.000 Pass 7 3658.336 51.428 0.000 0.000 Pass 8 3658.603 49.843 0.000 0.000 Pass 9 3645.912 53.397 0.000 0.000 Pass 10 3660.271 55.417 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 ← 0.0000 5.241 ← 0.000	
Passive doubles bkgrnd:	0.003 + 0.000	

```
201906_AFAS-P Top Fork_Position1.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                                        Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                           0. 000 +-
0. 692
                                                                                                                                                                                                                                                                                                                                                                       0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                         Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                           Number passive cycles:
                                                                                                                                                                                                                                                                                      Count time (sec)
                                                           JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                      Passive error messages
                                                           19. 06. 26 09:42:09
96QJ4209. VER
                                                                                                                                                                                                                                                                      No known alpha calibration
             Results
                                                           PT1 201906
                                                                                                                                                                                                                                                                                                                                Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                           XXXX
                                                                                                                                                                                                                                                                                                                                                                           44.839 +-
                                                                                                                                                                                                                                                                                                                                                                                                           0.187
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                        -0.018 +-
0.000 +-
111.028 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                           0. 020
0. 000
0. 399
0. 000
                                                           Sample method
Measured
                                                                                                                                                                                                                                                                      Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                               Singles
                                                                                                                                                                                                                                                                                                                                                                       Scaler 1
6639
6752
6758
                                                                                                                                                                                                                                                                       Cycle
                                                                                                                                                                                                                                                                                                                                                        7
13
4
                                                                                                                                                                                                                                                                                               2661
2700
2682
                        Isotopics id: Default
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                             6734
6619
6693
6728
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                               2738
2787
2753
2712
                                                                                                                                                                                                                                                                                                                               10
8
7
                                                                                                                                                                                                                                                                                                                                                        15
11
6
5
11
7
                                                                                                                                                                                                                                                                                                                                                                                                             0
0
0
0
0
0
                                                                                           0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                    0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                   0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
                                                                                                                                                                                                                                                                           8
9
10
                                         Pu241:
                                                                                                                                                                                                                                                                                               2717
                                         Pu242:
                                                                                                                                                                                                                                                                                               2714
2713
                                                                                                                                                                                                                                                                                                                                                                             6770
6785
                                   Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000
00. 01. 01
                                                                                                                    19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                            0.0000
                                                                                                                                                    0.0000
                                                                                                                                                                                                                                                                      Passive cycle rate data
                                                            1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                Doubles
0. 033
-0. 117
0. 050
-0. 083
-0. 050
                                                                                                                                                                                                                                                                                               Singles
43.894
                                                                                                                                                                                                                                                                      Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                      Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                  44. 544
44. 244
45. 177
45. 994
45. 427
44. 744
44. 827
44. 777
44. 760
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                             6
7
                                                                                                                                                                                                                                                                                                                                     0. 017
0. 067
                                                                                                                                                                                                                                                                                                                                   -0. 083
0. 017
-0. 033
                                                                     1.0000 +-
 Normalization constant:
                                                                                                    0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     0.456 +-
0.000 +-
                                                                                                     (1)
                                                                                                                                                                                                                                                                                                                                                                            (2)
```

	201906_AFAS-P Top Fork_Position2.txt	201906_AFAS-P Top Fork_Position2.txt
INCC 5.1.2	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.692 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JM2G JSR 02 JSR 02	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name:	19. 06. 26	No known alpha calibration
Inspection number: Item id: Stratum id:	PT2 201906 XXXX	Results Singles: 68.677 ← 0.270
Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file	Doubles: -0.005 ← 0.037 Triples: 0.000 ← 0.000 Scaler 1: 189.790 ← 0.573 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	and delivery of the second of	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 4049 11 21 11383 0 Pass 2 4224 26 24 11633 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	2 4224 20 24 1103 0 rass 23 14 11559 0 Pass 4 4141 17 21 11516 0 Pass 5 4 4174 19 20 11430 0 Pass 6 4147 26 21 11406 0 Pass 7 4174 18 16 11384 0 Pass 8 4134 6 19 11313 0 Pass 9 4160 20 13 11375 0 Pass 10 4194 17 17 11290 0 Pass Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001	Cycle Singles Doubles Triples Mass QC Tests 1 67.027 -0.167 0.000 0.000 0.000 Pass 2 69.944 0.033 0.000 0.000 0.000 Pass 3 67.594 0.150 0.000 0.000 Pass 4 68.560 -0.067 0.000 0.000 Pass 5 69.110 -0.017 0.000 0.000 Pass 6 68.660 0.083 0.000 0.000 Pass 7 69.110 0.033 0.000 0.000 Pass 8 68.444 -0.217 0.000 0.000 Pass 9 68.877 0.117 0.000 0.000 Pass 10 69.444 0.100 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 ← 0.0000 0.456 ← 0.000	
Passive doubles bkgrnd:	0.000 ← 0.000 (1)	(2)

```
201906_AFAS-P Top Fork_Position3.txt
                                                                                                                                                                                                                                                                                                                                                   0.000 +-
0.692
INCC 5. 1. 2
                                                                                                                                                                                                                                                                              Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                               Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                                 Number passive cycles:
                                                                                                                                                                                                                                                                                             Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                            Passive error messages
                                                            19. 06. 26 10:15:18
96QK1518. VER
                                                                                                                                                                                                                                                                            No known alpha calibration
              Results
                                                            PT3 201906
                                                                                                                                                                                                                                                                                                                                       Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                 255, 922 +-
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                    0.448
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                   0. 027 +-
0. 000 +-
60. 643 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                    0. 115
0. 000
0. 222
0. 000
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                            Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                        Singles
15378
15282
15515
                                                                                                                                                                                                                                                                                                                              R+A
266
256
259
257
282
261
267
242
266
299
                                                                                                                                                                                                                                                                                                                                                           A
266
273
270
                                                                                                                                                                                                                                                                                                                                                                               Scaler 1
3683
3634
3724
                                                                                                                                                                                                                                                                             Cycle
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                     3694
3733
3713
3652
3703
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                      15253
                                                                                                                                                                                                                                                                                                                                                             281
256
235
264
270
258
266
                                                                                                                                                                                                                                                                                                                                                                                                                       0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                      0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                     15383
15310
15484
                                                                                                                                                                                                                                                                                                     15417
15441
15364
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
                                                                                                                                                                                                                                                                                  8
9
10
                                          Pu241:
                                          Pu242:
                                                                                                                                                                                                                                                                                                                                                                                      3664
3601
                                    Pu242:
Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                      19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                              0.0000
                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                             Passive cycle rate data
                                                              1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                         Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                      Singles
255.844
                                                                                                                                                                                                                                                                                                                                                                                                               Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                            Cvcle
                                                                                                                                                                                                                                                                                                                                        Doubles
                                                                                                                                                                                                                                                                                                                                           0. 000
-0. 283
-0. 183
-0. 400
0. 433
0. 050
-0. 467
0. 133
0. 550
                                                                                                                                                                                                                                                                                                      254. 244
258. 127
253. 760
255. 927
                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                      254. 710
257. 610
256. 494
256. 894
255. 610
                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                   6
7
                                                                      1.0000 +-
                                                                                                      0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.456 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                     (2)
```

	201906_AFAS-P Top Fork	_Position4.tx1	i.			201	906_AFAS-	P Top Fork_F	Position4.txt
INCC 5.1.2 Facility:	JMOX			Passiv	e triples bkg e scaler1 bkg e scaler2 bkg	grnd:	0.000 +- 0.692 0.000	0.000	
Material balance area: Detector type: Detector id: Electronics id:	JM2G JSR_02 JSR_02			Numbe	r passive cyc Count time (s	les:	10 60		
Inventory change code: I/O code:	03N-12			Passive	error messag	ges			
Measurement date: Results file name:	19. 06. 26 10:31:22 96QK3122. VER				n alpha calib	oration			
Inspection number: I them id: Stratum id: Material type: Original declared mass: Measurement option: Data source: OC tests:	XXXX Pu 0.000 Verification Review disk file			Results		Sing Doub Trip Scale Scale	les: les: r 1:	988. 385 - 4. 303 - 0. 000 - 48. 333 - 0. 000 -	→ 0.446→ 0.000→ 0.303
Error calculation: Accidentals method:	Sample method Measured			Passive	cycle raw da	nta			
Inspector name: Passive comment:				Cycle 1 2	Singles 59519 59095	R+A 3938 3890	A 3710 3800	Scaler1 2966 2900	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.06.26 0.0000 +- 19.06.26	0.0000 0.0000 0.0000 0.0000 0.0000	3 4 5 6 7 8 9	59095 59356 59072 59317 59311 59105 59300 59638 59592 cycle rate of	4054 3949 4058 3932 3949 4099 3946 3988	3800 3739 3758 3722 3739 3605 3777 3713 3658	2900 2832 2919 2939 2961 2979 2912 2956 3051	O Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient Graction: Doubles gate fraction: Normalization constant:	1.50 64.00 1720 50.000 0.0126 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 1.0000 ← 0.0000			Cycle 1 2 3 4 5 6 7 8 9	Singles 991. 527 984. 460 988. 810 984. 077 988. 160 988. 060 984. 627 987. 877 993. 510 992. 744	Doub I 3. 8 1. 5 5. 2 3. 1 5. 6 3. 2 5. 7 5. 3 3. 8 5. 5	00 00 50 83 00 17 33 67	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0. 456 +- 0. 000 0. 000 +- 0. 000								

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                             Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                     0. 000 +-
0. 692
                                                                                                                                                                                                                                                                                                                                                                                                    0.000
   Facility: JMOX
Material balance area: JM26
Detector type: JSR_02
Detector id: JSR_02
Electronics id: JSR_12
                                                                                                                                                                                                                                                                                              Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                      0.000
                                                                                                                                                                                                                                                                                                Number passive cycles:
                                                                                                                                                                                                                                                                                                             Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                           Passive error messages
                                                                19. 06. 26 10:47:26
96QK4726. VER
                                                                                                                                                                                                                                                                                           No known alpha calibration
              Results
                                                                PT5 201906
                                                                                                                                                                                                                                                                                                                                                         Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                  3017, 592 +-
                                                                XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                           2.004
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                               Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                       32. 440 +-
0. 000 +-
52. 133 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                           1. 270
0. 000
0. 191
0. 000
                                                                On
Sample method
Measured
                                                                                                                                                                                                                                                                                           Passive cycle raw data
                                                                                                                                                                                                                                                                                                              Singles
181126
181733
181275
                                                                                                                                                                                                                                                                                                                                                R+A
36841
37360
37210
                                                                                                                                                                                                                                                                                                                                                                                                   Scaler 1
3237
3164
3141
                                                                                                                                                                                                                                                                                                                                                                                                                              Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                            Cycle
                                                                                                                                                                                                                                                                                                                                                                           A
35081
35099
35305
                          Isotopics id: Default
                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                37021
36712
37155
36868
37667
                                                                                                                                                                                                                                                                                                                                                                           35297
34864
35279
35056
35310
35275
34811
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                         3226
3180
3174
3128
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                   181054
                                                                                                                                                                                                                                                                                                                                                                                                                                             0
0
0
0
0
0
                                                                                                   0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                              0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                  180577
181162
181084
                                                                                                                                                                                                                                                                                                                                                                                                         3156
3144
3145
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                  181450
                                            Pu241:
                                            Pu242:
                                                                                                                                                                                                                                                                                                                  180933
180435
                                                                                                                                                                                                                                                                                                                                                36975
37032
                                      Pu date:
Am241:
Am date:
                                                                00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                             19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                                                                                                                                                                                                                                 10
                                                                                                   0.0000
                                                                                                                                                               0.0000
                                                                                                                                                                                                                                                                                           Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                            Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                    Singles
3018.310
                                                                       1.50
64.00
                                                                                                                                                                                                                                                                                                                                                         Doubles 29, 333 37, 683 31, 750 28, 733 30, 800 31, 267 30, 200 39, 283 28, 333 37, 017
                                                                                                                                                                                                                                                                                           Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                                     Mass QC Tests
0.000 Pass
                                                                   64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                     3028. 427
3020. 794
3017. 110
3009. 160
                                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                   3018. 910
3017. 610
3023. 710
3015. 094
3006. 794
                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                  6
7
                                                                          1.0000 +-
 Normalization constant:
                                                                                                           0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                          0.456 +-
0.000 +-
                                                                                                             (1)
                                                                                                                                                                                                                                                                                                                                                                                                         (2)
```

	201906_AFAS-P Top Fork_Position6.txt	201906_AFAS-P Top Fork_Position6.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.692 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JM26 JSR_02 JSR_02 JSR-12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:	19.06.26 11:12:33 960L1233. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	PTG 201906 XXXXX Pu 0.000 Verification Review disk file	Singles: 39.110 +- 0.229 Doubles: -0.010 +- 0.021 Triples: 0.000 +- 0.000 Scaler 1: 2593.083 +- 1.409 Scaler 2: 0.000 +- 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	measureu	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 2442 0 6 156035 0 Pass 2 2404 8 6 155845 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 0.01.01 0.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000	3 2331 6 9 155155 0 Pass 4 2416 6 2 155493 0 Pass 5 2404 2 7 155737 0 Pass 6 2388 1 6 155701 0 Pass 7 2335 11 6 155694 0 Pass 8 2327 7 6 155475 0 Pass 9 2374 7 7 155825 0 Pass 10 2319 4 3 155305 0 Pass
Am date:	00. 01. 01 19. 06. 26	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0126 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 40,244 -0.100 0.000 0.000 0.000 Pass 2 39,610 0.033 0.000 0.000 Pass 3 38,394 -0.050 0.000 0.000 Pass 4 39,810 0.067 0.000 0.000 Pass 5 39,610 -0.083 0.000 0.000 Pass 6 39,344 -0.083 0.000 0.000 Pass 7 38,460 0.083 0.000 0.000 Pass 8 38,327 0.017 0.000 0.000 Pass 10 38,194 0.017 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1. 0000 +- 0. 0000 0. 456 ← 0. 000	
Passive doubles bkgrnd:	0.000 +- 0.000	
	(1)	(2)

```
201906_AFAS-P Top Fork_Position7.txt
                                                                                                                                                                                                                                                                                                                         201906_AFAS-P Top Fork_Position7.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                              Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                               0.000 +-
0.692
                                                                                                                                                                                                                                                                                                                                                         0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                              Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                Number passive cycles:
                                                                                                                                                                                                                                                                           Count time (sec)
                                                         JSR-12
   Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                            Passive error messages
                                                         19.06.26 13:24:08
96QN2408.VER
                                                                                                                                                                                                                                                            No known alpha calibration
            Results
                                                         PT7 201906
                                                                                                                                                                                                                                                                                                                   Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                         XXXX
                                                                                                                                                                                                                                                                                                                                                            35, 299 +-
                                                                                                                                                                                                                                                                                                                                                                                            0.264
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                        Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                          -0. 015 +-
0. 000 +-
887. 498 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                            0. 013
0. 000
1. 112
                                                                                                                                                                                                                                                                                                                                                                                            0.000
                                                         On
Sample method
Measured
                                                                                                                                                                                                                                                            Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                Singles
2123
2171
2167
                                                                                                                                                                                                                                                                                                                                                        Scaler 1
53446
53146
53357
                                                                                                                                                                                                                                                            Cycle
                       Isotopics id: Default
                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
   Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                     2152
                                                                                                                                                                                                                                                                                                                                                            53155
                                                                                                                                                                                                                                                                                                                                                                                              0
0
0
0
0
0
                                                                                        0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                             0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                    2084
2188
2049
2209
                                                                                                                                                                                                                                                                                                                                                            53499
53523
52966
                                                                                                                                                                                                                                                                                                                  6
4
3
4
3
10
                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
                                                                                                                                                                                                                                                                 8
9
10
                                       Pu241:
                                                                                                                                                                                                                                                                                                                                                            52988
                                       Pu242:
                                                                                                                                                                                                                                                                                    2125
2185
                                                                                                                                                                                                                                                                                                                                                            53475
53359
                                  Pu date:
Am241:
Am date:
                                                         00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                               19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                        0.0000
                                                                                                                                              0.0000
                                                                                                                                                                                                                                                            Passive cycle rate data
                                                          1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                  Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                   Doubles
0. 017
-0. 017
0. 000
0. 067
0. 017
                                                                                                                                                                                                                                                                                    Singles
34.927
                                                                                                                                                                                                                                                            Cvcle
                                                                                                                                                                                                                                                                                                                                                                                       Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                       35. 727
35. 660
35. 410
34. 277
                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                      -0. 050
-0. 050
-0. 033
-0. 083
-0. 017
                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                  6
7
                                                                                                                                                                                                                                                                                       36. 010
33. 694
                                                                                                                                                                                                                                                                                      36. 360
34. 960
35. 960
                                                                  1.0000 +-
 Normalization constant:
                                                                                                0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                  0.456 +-
0.000 +-
                                                                                                 (1)
                                                                                                                                                                                                                                                                                                                                                              (2)
```

	201906_AFAS-P Top Fork_	Position8.txt				20190	6_AFAS-F	Top Fork_Po	osition8.txt
INCC 5.1.2 Facility:	JMOX			Passiv	e triples bk e scaler1 bk e scaler2 bk	grnd: 0.	000 ← 692 000	0.000	
Material balance area: Detector type: Detector id: Electronics id:	JM2G JSR_02 JSR_02 JSR-12			Numbe	r passive cy Count time (10 60		
Inventory change code:	OUN TE			Passive	error messa	ges			
Measurement date: Results file name:	19. 06. 26 13:40:12 96QN4012. VER				m alpha cali	bration			
Inspection number: Item id: Stratum id:	PT8 201906 XXXX			Results	•	0:		FO 0FO .	- 0. 285
Material type: Original declared mass: Measurement option: Data source: QC tests:	Pu 0.000 Verification Review disk file On					Single Double Triple Scaler Scaler	s: s: 1:	50. 259 + -0. 007 + 0. 000 + 261. 061 + 0. 000 +	- 0. 025 - 0. 000 - 0. 662
Error calculation: Accidentals method:	Sample method Measured			Passive	cycle raw d	ata			
Inspector name: Passive comment:	model of			Cycle 1 2	Singles 3011 3127	R+A 9 10	A 13 5	Scaler1 15509 15688	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	0.0000 +- 0.0000 0.0000 +- 0.0000 00.01.01 0.0000 +- 0.0000	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.06.26 0.0000 +- 19.06.26	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	3 4 5 6 7 8 9	3056 3026 3076 3089 3096 2971 2971 3006	14 12 9 12 12 5 13	12 11 9 19 7 11 8 16	15791 15715 15777 15520 15789 15600 15775 15888	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001			Cycle 1 2 3 4 5 6 7 8 9	Singles 49. 727 51. 660 50. 477 49. 977 50. 810 51. 027 51. 144 49. 060 49. 060 49. 644	Doubles -0.067 0.083 0.033 0.017 0.000 -0.117 0.083 -0.100 0.083 -0.083		Friples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests Q. 000 Pass
Normalization constant:	1.0000 +- 0.0000								
Passive singles bkgrnd: Passive doubles bkgrnd:	0. 456 ← 0. 000 0. 000 ← 0. 000								
	(1)							(2)	

```
201906_AFAS-P Top Fork_Position9.txt
                                                                                                                                                                                                                                                                                                                                                 0.000 +-
0.692
INCC 5. 1. 2
                                                                                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                              0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                             Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                               Number passive cycles:
                                                                                                                                                                                                                                                                                           Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                          Passive error messages
                                                            19.06.26 13:55:16
96QN5516.VER
                                                                                                                                                                                                                                                                          No known alpha calibration
              Results
                                                            PT9 201906
                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                               168, 892 +-
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                  0.431
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                               0. 125 +-
0. 000 +-
106. 375 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 050
0. 000
0. 626
0. 000
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                          Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                      Singles
10174
10289
10211
                                                                                                                                                                                                                                                                                                                                                                             Scaler 1
6509
6529
6378
                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                                             R+A
116
113
120
127
108
113
137
120
106
112
                                                                                                                                                                                                                                                                                                                                                           A
99
112
100
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                   6482
6410
6213
6358
6639
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                   10081
10065
10250
10207
                                                                                                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                     0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                            111
106
110
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                                                                                                                                                                                                                                                                8
9
10
                                          Pu241:
                                                                                                                                                                                                                                                                                                   10183
                                          Pu242:
                                                                                                                                                                                                                                                                                                   10069
10080
                                                                                                                                                                                                                                                                                                                                                                                    6351
6371
                                    Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                     19. 06. 26
0. 0000 +-
19. 06. 26
                                                                                              0.0000
                                                                                                                                                      0.0000
                                                                                                                                                                                                                                                                           Passive cycle rate data
                                                              1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                      Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                    Singles
169.110
                                                                                                                                                                                                                                                                                                                                     Doubles
0. 283
0. 017
0. 333
0. 083
0. 000
-0. 050
0. 400
0. 150
0. 000
0. 033
                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                          Cvcle
                                                                                                                                                                                                                                                                                                     171. 027
169. 727
167. 560
167. 294
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                 6
7
                                                                                                                                                                                                                                                                                                     170. 377
169. 660
                                                                                                                                                                                                                                                                                                     169. 260
167. 360
167. 544
                                                                      1.0000 +-
                                                                                                     0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.456 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                  (2)
```

	201906_AFAS-P Top Fork_Position10.txt	201906_AFAS-P Top Fork_Position10.txt
INCC 5.1.2	JMOX	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.692 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JM26 JSR_02 JSR_02	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name:		No known alpha calibration
Inspection number: Item id:		Results
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	Pu 0.000 Verification Review disk file	Singles: 102.067 +- 0.468 Doubles: -0.047 +- 0.025 Triples: 0.000 +- 0.000 Scaler 1: 85.741 +- 0.460 Scaler 2: 0.000 +- 0.000
Error calculation: Accidentals method:	Sample method	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 6083 31 41 5209 0 Pass 2 6002 41 39 5263 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu249: Pu241: Pu242: Pu date: Am241: Am date:	CO 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000	2 0002 41 39 265 0 Pass 46 46 5117 0 Pass 4 6274 39 47 5137 0 Pass 5 6109 44 46 5139 0 Pass 6 6121 40 46 5386 0 Pass 7 6102 36 43 5164 0 Pass 8 6149 39 34 5084 0 Pass 9 6160 42 42 5150 0 Pass 10 6231 40 42 5211 0 Pass Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Coefficient Geadtime: Toubles gate fraction: Triples gate fraction: Normalization constant:	1.50 64.00 64.00 1720 50.0000 0.0126 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	Cycle Singles Doubles Triples Mass QC Tests 1 100.927 -0.167 0.000 0.000 0.000 Pass 2 99.577 0.033 0.000 0.000 Pass 3 104.260 0.000 0.000 0.000 Pass 4 104.110 -0.133 0.000 0.000 Pass 5 101.360 -0.033 0.000 0.000 Pass 6 101.560 -0.100 0.000 0.000 Pass 7 101.244 -0.117 0.000 0.000 Pass 8 102.027 0.633 0.000 0.000 Pass 9 102.210 0.000 0.000 0.000 Pass 10 103.394 -0.033 0.000 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.456 ← 0.000 0.000 ← 0.000	

201907_AFAS-B Bottom Fork_Position1.txt

```
0.000 +-
1.518
INCC 5. 1. 2
                                                                                                                                                                                                                                                                               Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                  0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                     0.000
                                                                                                                                                                                                                                                                                  Number passive cycles:
                                                                                                                                                                                                                                                                                              Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                             Passive error messages
                                                             19. 07. 04 13:18:52
974N1852. VER
                                                                                                                                                                                                                                                                             No known alpha calibration
              Results
                                                             BB1 201907
                                                            BB1 201907
XXXX
Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                         Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                     44.162 +-
                                                                                                                                                                                                                                                                                                                                                                                                                      0.267
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                                                                                                                                                                                                   -0.005 +-
0.000 +-
109.145 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 020
0. 000
0. 444
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                             Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                         Singles
2716
                                                                                                                                                                                                                                                                                                                                                                                Scaler 1
6696
6749
6623
                                                                                                                                                                                                                                                                              Cycle
                                                                                                                                                                                                                                                                                                                                       2
8
11
                                                                                                                                                                                                                                                                                                        2681
2653
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                       6677
6572
6572
6686
6466
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                        2630
                                                                                                                                                                                                                                                                                                                                                                                                                        0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                        0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                       2699
2748
2694
                                                                                                                                                                                                                                                                                                                                       10
3
4
10
9
                                                                                                                                                                                                                                                                                                                                                                  10
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
                                                                                                                                                                                                                                                                                   8
9
10
                                          Pu241:
                                                                                                                                                                                                                                                                                                        2806
                                          Pu242:
                                                                                                                                                                                                                                                                                                       2659
2706
                                                                                                                                                                                                                                                                                                                                                                                        6714
6643
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000
00. 01. 01
                                                                                                                       0. 0000 +-
19. 07. 04
                                                                                               0.0000
                                                                                                                                                        0.0000
                                                                                                                                                                                                                                                                             Passive cycle rate data
                                                               1. 50
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                          Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                       Singles
44,442
                                                                                                                                                                                                                                                                                                                                         Doubles
-0.033
0.017
0.083
-0.017
-0.050
0.050
-0.117
-0.067
0.050
0.033
                                                                                                                                                                                                                                                                                                                                                                                                                Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                             Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                          43. 858
43. 392
43. 008
44. 158
44. 975
44. 075
45. 942
43. 492
44. 275
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                    6
7
                                                                      1.0000 +-
                                                                                                      0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.825 +-
0.000 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                      (2)
```

	201907_AFAS-B Bottom Fork_Position2.txt	201907_AFAS-B Bottom Fork_Position2.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 1.518 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JSR_02	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name: Inspection number:		No known alpha calibration Results
Item id: Stratum id: Material type:	XXXX	Singles: 67.165 +- 0.182 Doubles: 0.017 +- 0.031
	Verification Review disk file	Triples: 0.000 +- 0.000 Scaler 1: 187.185 +- 0.570 Scaler 2: 0.000 0.000
QC tests: Error calculation: Accidentals method:	Sample method	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 4061 21 24 11468 0 Pass 2 4017 23 23 11382 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239:	CO 0.0000 +- 0.0000 0.0000 +- 0.0000	3 4051 21 23 11380 0 Pass 4 4101 21 15 11268 0 Pass 5 4091 15 21 11175 0 Pass 6 4079 23 11 11360 0 Pass
Pu239. Pu240: Pu241: Pu242:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0 40/9 23 11 11300 0 rass 7 4149 24 25 11372 0 Pass 8 4090 21 14 11221 0 Pass 9 4068 15 12 11434 0 Pass
Pu date: Am241:		10 4087 14 20 11162 0 Pass Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient & deadtime: Coefficient & Goadtime:	1.50 64.00 64.00 1720 50.0000 0.0060 0.0000 0.0000 0.0000 0.0000 0.0000	Cycle Singles Doubles Triples Mass QC Tests 1 66.858 -0.050 0.000 0.000 Pass 2 66.125 0.000 0.000 0.000 Pass 3 66.692 -0.033 0.000 0.000 Pass 4 67.525 0.100 0.000 0.000 Pass 5 67.358 -0.100 0.000 0.000 Pass 6 67.158 0.200 0.000 0.000 Pass 7 68.325 -0.017 0.000 0.000 Pass 8 67.342 0.117 0.000 0.000 Pass 9 66.975 0.050 0.000 0.000 0.000 Pass
Doubles gate fraction: Triples gate fraction: Normalization constant:	0.0001 0.0001 1.0000 +- 0.0000	10 67.292 -0.100 0.000 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.825 ← 0.000 0.000 ← 0.000	

201907_AFAS-B Bottom Fork_Position3.txt

```
0.000 +-
INCC 5. 1. 2
                                                                                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                              0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                             Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                               Number passive cycles:
                                                                                                                                                                                                                                                                                           Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                          Passive error messages
                                                            19.07.04 13:53:01
974N5301.VER
                                                                                                                                                                                                                                                                          No known alpha calibration
             Results
                                                            BB3 201907
                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                               254.065 +-
                                                                                                                                                                                                                                                                                                                                                                                                                  0.576
                                                            XXXX
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                 0. 375 +-
0. 000 +-
59. 673 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 124
0. 000
0. 287
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                          Passive cycle raw data
                                                                                                                                                                                                                                                                                             Singles
15288
                                                                                                                                                                                                                                                                                                                            R+A
277
247
270
269
254
288
280
248
249
277
                                                                                                                                                                                                                                                                                                                                                                             Scaler1
3692
3648
3694
                                                                                                                                                                                                                                                                                                                                                                                                      Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                                                        A 249 256 227 219 248 234 242 252 229 278
                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                   15251
15337
                        Isotopics id: Default
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                  3766
3732
3688
3644
                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                    15326
                                                                                                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                     0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                   15141
15481
15247
                                                                                                                                                                                                                                                                                                   15196
15212
15455
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                                                                                                                                                                                                                                                                8
9
10
                                                                                                                                                                                                                                                                                                                                                                                    3577
                                          Pu241:
                                          Pu242:
                                                                                                                                                                                                                                                                                                                                                                                    3624
3650
                                    Pu242:
Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                     0. 0000 +-
19. 07. 04
                                                                                              0.0000
                                                                                                                                                      0.0000
                                                                                                                                                                                                                                                                           Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                     Doubles
0. 467
-0. 150
0. 717
0. 833
0. 100
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                                                    Singles
253.975
                                                                                                                                                                                                                                                                                                                                                                       Triples
                                                                                                                                                                                                                                                                          Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                             Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                                           0.000
0.000
0.000
0.000
0.000
                                                               64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                    253. 358
254. 792
254. 608
251. 525
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                         0. 900
0. 633
-0. 067
0. 333
-0. 017
                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                 6
7
                                                                                                                                                                                                                                                                                                     257, 192
                                                                                                                                                                                                                                                                                                    253. 292
252. 442
252. 708
256. 758
                                                                      1.0000 +-
                                                                                                     0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.825 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                  (2)
```

201907_AFAS-B Bottom Fork_Position4.txt	:	201907_AFAS-B Bo	ottom Fork_Positi	on4. txt
	Passive triples bkgrnd:	0 000 +-	0.000	

	201907_AFAS-B Bottom Fork_Position4. txt			201907_AFAS-B Bottom Fork_Position4.txt							
INCC 5. 1. 2					Passi	ve triples bk ve scaler1 bk	grnd: 1	0. 000 +- 1. 518	0.000		
Facility:					Passi	ve scaler2 bk	grnd: (0.000			
Material balance area:	JM2G				Nl.			10			
Detector type:	JSR_02				Numb	er passive cy		10			
Detector id: Electronics id:						Count time (sec).	60			
Inventory change code:	03K-12				Pacciv	e error messa	201				
I/O code:					1 40014	s error messa;	500				
Measurement date:	19. 07. 04 14:12:06				No kno	wn alpha calil	oration				
Results file name:	97401206. VER					,					
Inspection number:					Result	s					
Item id:	BB4 201907										
Stratum id:							Sing		983. 370		
Material type:							Doub		2. 868		
Original declared mass:	0. 000						Trip		0.000		
Measurement option:	Verification						Scaler		48. 223		
Data source: QC tests:	Review disk file On						Scaler	۷.	0.000	+- 0.0	100
Error calculation:	Sample method				Passiv	e cycle raw d	ata				
Accidentals method:	Measured				1 40014	o oyoro rum u	114				
Inspector name:	mododi cu				Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
Passive comment:					1	59067	3902	3797	2954	0	Pass
					2	58740	3796	3634	3056	0	Pass
Isotopics id:	Default				3	58925	3859	3768	3023	0	Pass
Isotopics source code:	CO				4	59123	3902	3651	2921	0	Pass
Pu238:	0.0000 +- 0.0000	0.0000 +-	0.0000		5	58878	3855	3771	2953	0	Pass
Pu239:	0.0000 +- 0.0000	0.0000 +-	0.0000		6	59408	3910	3684	2955	0	Pass
Pu240: Pu241:	100.0000 +- 0.0000 0.0000 +- 0.0000	100.0000 +-	0.0000		7 8	59149 58846	3931 3869	3655 3703	2950	0	Pass
Pu241:	0.0000 +- 0.0000 0.0000 +- 0.0000	0.0000 +- 0.0000 +-	0.0000 0.0000		9	59176	3917	3775	2961 3001	0	Pass Pass
Pu date:	00.01.01	19. 07. 04	0.0000		10	59205	3957	3739	3071	0	Pass
Am241:	0.0000 +- 0.0000	0.0000 +-	0.0000			00200		0.00	007.	•	. 400
Am date:	00. 01. 01	19. 07. 04			Passiv	e cycle rate	data				
						-					
Predelay:	1.50				Cycle	Singles	Doub I e		Triples	Mass	
Gate length:	64. 00				1	983. 625	1. 75		0.000	0.000	
2nd gate length:	64. 00				2	978. 175	2. 70		0.000	0.000	
High voltage:	1720				3	981. 258 984. 558	1. 51 4. 18		0.000	0.000	
Die away time: Efficiency:	50. 0000 0. 0060				4 5	984. 558	1. 40		0. 000 0. 000	0.000	
Multiplicity deadtime:	0.0000				6	989, 308	3. 76		0.000	0.000	
Coefficient A deadtime:	0.0000				7	984, 992	4. 60		0.000	0. 000	
Coefficient B deadtime:	0.0000				8	979, 942	2. 76		0. 000	0. 000	
Coefficient C deadtime:	0.0000				9	985, 442	2. 36		0.000	0.000	
Doubles gate fraction:	0.0001				10	985. 925	3. 63	33	0.000	0.000) Pass
Triples gate fraction:	0. 0001										
Normalization constant:	1.0000 +- 0.000	0									
Passive singles bkgrnd:	0.825 +- 0.000										
Passive doubles bkgrnd:	0.000 +- 0.000										

(1)

201907_AFAS-B Bottom Fork_Position5.txt

```
0.000 +-
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                              Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                                      0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                               Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                                                 Number passive cycles:
                                                                                                                                                                                                                                                                                                              Count time (sec)
                                                                JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                            Passive error messages
                                                                19. 07. 04 14:28:10
97402810. VER
                                                                                                                                                                                                                                                                                            No known alpha calibration
              Results
                                                                BB5 201907
                                                                                                                                                                                                                                                                                                                                                           Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                    2995, 808 +-
                                                                XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                            2.890
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                               Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                        33. 628 +-
0. 000 +-
51. 607 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                            1. 387
0. 000
0. 216
0. 000
                                                                On
Sample method
Measured
                                                                                                                                                                                                                                                                                            Passive cycle raw data
                                                                                                                                                                                                                                                                                                                Singles
180015
179981
                                                                                                                                                                                                                                                                                                                                                 R+A
36589
36636
36902
                                                                                                                                                                                                                                                                                                                                                                                                     Scaler 1
3244
3153
3155
                                                                                                                                                                                                                                                                                                                                                                                                                                Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                             Cycle
                                                                                                                                                                                                                                                                                                                                                                             A
34556
34465
34802
34707
33977
34509
33911
34568
34134
34101
                          Isotopics id: Default
                                                                                                                                                                                                                                                                                                                    180929
                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                 36420
36275
36652
36284
36077
                                                                                                                                                                                                                                                                                                                                                                                                           3192
3163
3187
3194
3192
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                   179977
179148
180191
179749
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                                               0
0
0
0
0
0
                                                                                                   0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                               0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                   179553
                                            Pu241:
                                            Pu242:
                                                                                                                                                                                                                                                                                                                   179260
179177
                                                                                                                                                                                                                                                                                                                                                  36069
36003
                                                                                                                                                                                                                                                                                                                                                                                                           3264
3131
                                      Pu242:
Pu date:
Am241:
Am date:
                                                                00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                                                  10
                                                                                                                             0. 0000 +-
19. 07. 04
                                                                                                    0.0000
                                                                                                                                                                0.0000
                                                                                                                                                                                                                                                                                            Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                              Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                     Singles
2999, 425
                                                                       1.50
64.00
                                                                                                                                                                                                                                                                                                                                                          Doubles
33, 883
36, 183
35, 000
28, 550
38, 300
35, 717
39, 550
25, 150
32, 250
31, 700
                                                                                                                                                                                                                                                                                            Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                                       Mass QC Tests
0.000 Pass
                                                                   64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                     2999. 425
2998. 858
3014. 658
2998. 792
2984. 975
3002. 358
2994. 992
                                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                   6
7
                                                                                                                                                                                                                                                                                                                     2994, 992
2991, 725
2986, 842
2985, 458
                                                                          1.0000 +-
                                                                                                           0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                          0.825 +-
0.000 +-
                                                                                                              (1)
                                                                                                                                                                                                                                                                                                                                                                                                           (2)
```

	201907_AFAS-B Bottom Fork_Position6.txt	201907_AFAS-B Bottom Fork_Position6.txt
INCC 5.1.2	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 1.518 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type:	JM2G	Number passive cycles: 10
Detector id: Electronics id:	JSR_02	Count time (sec): 60
Inventory change code: I/O code: Measurement date:	19.07.04 09:14:59	Passive error messages No known alpha calibration
Results file name: Inspection number:	974J1459. VER	Results
Item id: Stratum id: Material type:	XXXX	Singles: 37.950 ← 0.290 Doubles: -0.008 ← 0.018
Original declared mass: Measurement option: Data source:	Verification	Triples: 0.000 ← 0.000 Scaler 1: 2574.600 ← 1.355 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	On Sample method	Passive cycle raw data
Inspector name: Passive comment:	measured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 2343 6 8 154090 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date:	CO 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 +- 0.0000 +- 0.0000 0.0000 +- 0.0000 +- 0.0000 +- 0.0000 0.01.01 19.07.04 4	2 2327 6 12 154627 0 Pass 3 2282 3 6 154968 0 Pass 4 2261 3 3 154799 0 Pass 5 2418 5 7 154478 0 Pass 6 2336 9 7 15479 0 Pass 7 2326 4 7 154529 0 Pass 8 2414 10 7 154307 0 Pass 9 2277 7 1 154439 0 Pass 10 2281 4 4 154644 0 Pass
Am241: Am date:	0.0000 +- 0.0000 0.0000 +- 0.0000 00.01.01 19.07.04	Passive cycle rate data
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Coefficient Coefficient Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Cycle Singles Doubles Triples Mass QC Tests 1 38.225 -0.033 0.000 0.000 Pass 2 37.958 -0.100 0.000 0.000 0.000 Pass 3 37.208 -0.050 0.000 0.000 0.000 Pass 4 36.858 0.000 0.000 0.000 Pass 5 39.475 -0.033 0.000 0.000 Pass 6 38.108 0.033 0.000 0.000 Pass 7 37.942 -0.050 0.000 0.000 Pass 8 39.408 0.050 0.000 0.000 Pass 9 37.125 0.100 0.000 0.000 Pass 10 37.192 0.000 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.825 \(\to \) 0.000 0.000 \(\to \) 0.000	
	(1)	(2)

```
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                           0.000 +-
1.518
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                                                        0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                                       Number passive cycles:
                                                                                                                                                                                                                                                                                                   Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                  Passive error messages
                                                              19. 07. 04 09:32:03
974J3203. VER
                                                                                                                                                                                                                                                                                  No known alpha calibration
              Results
                                                              BB7 201907
                                                                                                                                                                                                                                                                                                                                               Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                           34, 545 +-
                                                                                                                                                                                                                                                                                                                                                                                                                             0.210
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                        0.000 +-
0.000 +-
881.883 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                             0. 012
0. 000
1. 119
                                                                                                                                                                                                                                                                                                                                                                                                                             0.000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                  Passive cycle raw data
                                                                                                                                                                                                                                                                                                     Singles
2094
2045
2126
                                                                                                                                                                                                                                                                                                                                                                                       Scaler1
53239
52699
53113
                                                                                                                                                                                                                                                                                                                                                                                                                  Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                   Cycle
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                           52825
                                                                                                                                                                                                                                                                                                                                                                                                                               0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                           0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                             2110
2137
2133
                                                                                                                                                                                                                                                                                                                                                                                           52813
53047
53410
                                                                                                                                                                                                                                                                                                             2170
2176
2145
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
                                                                                                                                                                                                                                                                                        8
9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                                                                                                           52912
                                           Pu242:
                                                                                                                                                                                                                                                                                                                                                                                           53022
52961
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000
00. 01. 01
                                                                                                0.0000
                                                                                                                         0.0000 +-
19.07.04
                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                  Passive cycle rate data
                                                               1. 50
64. 00
64. 00
1720
50. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                               Doubles
0. 033
0. 017
-0. 050
0. 050
0. 000
                                                                                                                                                                                                                                                                                                             Singles
                                                                                                                                                                                                                                                                                                                                                                                                                       Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                  Cvcle
                                                                                                                                                                                                                                                                                                                34, 075
                                                                                                                                                                                                                                                                                                              34. 075
33. 258
34. 608
33. 942
34. 342
34. 792
34. 725
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                  -0. 017
0. 000
0. 000
-0. 067
0. 033
                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                         6
7
                                                                                                                                                                                                                                                                                                                35. 342
35. 442
34. 925
                                                                        1.0000 +-
                                                                                                        0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.825 +-
0.000 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                             (2)
```

	201907_AFAS-B B	ottom For	k_Position8.t	xt			201907_	AFAS-B	Bottom Fork	_Position8	. txt
INCC 5.1.2	JMOX				Pass	sive triples bl sive scaler1 bl sive scaler2 bl	kgrnd: 1.	000 +- 518 000	0.000		
Material balance area:	JM2G				газа	SIVE SCATELZ DE	vgriiu. v. v	J00			
Detector type:	JSR_02				Nun	mber passive cy	/cles:	11			
Detector id:	JSR_02					Count time	(sec):	60			
Electronics id: Inventory change code:	JSR-12				Poss	ve error messa					
I/O code:					F d 5 5 1	ive error illesse	1869				
Measurement date:	19.07.04 09:51	:08			No kr	nown alpha cal	ibration				
Results file name:	974J5108. VER										
Inspection number:	PP0 004007				Resul	lts					
Item id: Stratum id:	BB8 201907 XXXX						Single		50, 130	+ 0.25	-0
Material type:	Pu						Double:		0.017		
Original declared mass:	0. 000						Triple		0.000		
Measurement option:	Verification						Scaler		260. 833		
Data source:	Review disk fil	е					Scaler :	2:	0.000	+- 0.00	00
QC tests: Error calculation:	On Sample method				Page	ive cycle raw o	Hata				
Accidentals method:	Measured				1 000	ive cycle law t	aaca				
Inspector name:					Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
Passive comment:					1	3105	4	8	15846		Pass
	D. C I +				2	3004	12	7	15605		Pass
Isotopics id: Isotopics source code:	Default CO				3 4	3087 3144	13 7	7 11	15743 15709		Pass Pass
Pu238:		. 0000	0.0000 +-	0.0000	5	3082	10	8	15790		Pass
Pu239:		. 0000	0.0000 +-	0.0000	6	2999	11	9	15744	0	Pass
Pu240:		. 0000	100.0000 +-	0.0000	7	2982	11	12	15793		Pass
Pu241:). 0000). 0000	0.0000 +-	0.0000	8	3086	9	5	15724		Pass
Pu242: Pu date:	0.0000 +- 0 00.01.01	. 0000	0.0000 +- 19.07.04	0.0000	10	3082 3017	10 13	13 12	15673 15654		Pass Pass
Am241:		. 0000	0.0000 +-	0.0000	11	3042	11	8	15871		Pass
	00. 01. 01		19. 07. 04								
Predelay:	1, 50				Passi	ive cycle rate	data				
Gate length:	64.00				Cvcle	e Singles	Doub I es		Triples	Mass	QC Tests
2nd gate length:	64. 00				1	50. 925	-0.067		0.000	0. 000	Pass
High voltage:	1720				2	49. 242	0. 083		0.000	0.000	Pass
Die away time:	50.0000				3	50. 625	0. 100		0.000		Pass
Efficiency: Multiplicity deadtime:	0. 0060 0. 0000				4 5	51. 575 50. 542	-0. 067 0. 033		0. 000 0. 000	0. 000 0. 000	Pass Pass
Coefficient A deadtime:	0.0000				6	49. 158	0. 033		0.000	0.000	Pass
Coefficient B deadtime:	0.0000				ž	48, 875	-0. 017		0.000	0.000	
Coefficient C deadtime:	0.0000				8	50. 608	0.067		0.000	0.000	Pass
Doubles gate fraction:	0.0001				9	50. 542	-0. 050		0.000	0.000	Pass
Triples gate fraction:	0.0001				10 11	49. 458 49. 875	0. 017 0. 050		0. 000 0. 000	0. 000 0. 000	
Normalization constant:	1.0000 +-	0.0000			"	49. 675	0.050		0.000	0.000	rass
Passive singles bkgrnd:	0.825 +-	0.000									
Passive doubles bkgrnd:	0.000 +-	0.000									
									(4)		

201907_AFAS-B Bottom Fork_Position9.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                       Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                               0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                            0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                        Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                                          Number passive cycles:
                                                                                                                                                                                                                                                                                                      Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                     Passive error messages
                                                              19. 07. 04 10:07:12
974K0712. VER
                                                                                                                                                                                                                                                                                     No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                     Results
                                                              BB9 201907
                                                                                                                                                                                                                                                                                                                                                  Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                             165, 858 +-
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                  0.392
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                             0. 155 +-
0. 000 +-
104. 750 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                  0. 071
0. 000
0. 431
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                     Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                         R+A
104
118
102
                                                                                                                                                                                                                                                                                                                                                                                           Scaler 1
6277
6384
6379
                                                                                                                                                                                                                                                                                                                                                                                                                     Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                                                                      A
116
111
107
                                                                                                                                                                                                                                                                                      Cycle
                                                                                                                                                                                                                                                                                                                9933
9914
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                                  6299
6458
6372
6417
6243
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                              10025
10024
9947
9998
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                              122
115
128
106
122
133
111
                                                                                                                                                                                                                                                                                                                                                                         91
96
106
99
110
117
115
                                                                                                                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                                                                                                                                                                                                                                                                           8
9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                              10114
                                           Pu242:
                                                                                                                                                                                                                                                                                                              10125
9928
                                                                                                                                                                                                                                                                                                                                                                                                  6433
6499
                                     Pu242:
Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000
00. 01. 01
                                                                                                                          0.0000 +-
19.07.04
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                     Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                  Doubles
-0. 200
0. 117
-0. 083
0. 517
0. 317
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                Singles
165.875
                                                                                                                                                                                                                                                                                                                                                                                     Triples
                                                                                                                                                                                                                                                                                     Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                             Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                                                          0.000
0.000
0.000
0.000
0.000
                                                                 64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                 164. 725
164. 408
166. 258
166. 242
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                      0. 367
0. 117
0. 200
0. 267
-0. 067
                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                            6
7
                                                                                                                                                                                                                                                                                                                 164, 958
                                                                                                                                                                                                                                                                                                                165. 808
167. 742
167. 925
164. 642
                                                                        1.0000 +-
 Normalization constant:
                                                                                                         0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.825 +-
0.000 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                 (2)
```

1907_AFAS-B Bottom Fork_Position10.txt	20190

201907_AFAS-B Bottom Fork_Position10.txt				201907_AFAS-B Bottom Fork_Position10.txt							
INCC 5. 1. 2					Passi	ve triples bk ve scaler1 bk	grnd: 1.	000 +- 518	0.000		
Facility:					Passi	ve scaler2 bk	(grnd: 0.	000			
Material balance area:					Mounts			10			
Detector type:					Nullib	er passive cy		60			
Detector id: Electronics id:						Count time ((sec).	60			
Inventory change code:	JSR-12				Possiv	e error messa	700				
I/O code:					rassivi	e error messa	iges				
	19.07.04 10:23:17				No kno	wn alpha cali	bration				
Results file name:	974K2317. VER				NO KIIO	mii aipiia caii	DIALION				
Inspection number:	074N2017. YEN				Result	\$					
Item id:	BB10 201907				1100011	-					
Stratum id:							Single	s:	100, 967 -	→ 0. 27	9
Material type:							Double		0.010 -		
Original declared mass:	0. 000						Triple	s:	0.000 -	→ 0.00	0
Measurement option:	Verification						Scaler	1:	85. 142 -	→ 0.43	3
Data source:	Review disk file						Scaler	2:	0.000 -	→ 0.00	0
QC tests:	0n										
Error calculation:					Passiv	e cycle raw d	lata				
Accidentals method:	Measured										
Inspector name:						Singles	R+A	Α	Scaler1		QC Tests
Passive comment:					1	6177	49	45	5286		Pass
					2	6091	35	35	5341		Pass
Isotopics id:					3	6155	46	42	5168		Pass
Isotopics source code: Pu238:	0,0000 +- 0,0000	0.0000 +-	0.0000		4 5	6027 6097	36 40	52 43	5140 5218		Pass Pass
Pu239:	0.0000 +- 0.0000	0.0000 +-	0.0000		6	6198	43	31	5121		Pass
Pu240:	100.0000 +- 0.0000	100.0000 +-	0.0000		7	6079	41	42	5175		Pass
Pu241:	0.0000 +- 0.0000	0.0000 +-	0.0000		8	6066	43	41	5173		Pass
Pu242:	0.0000 +- 0.0000	0.0000 +-	0.0000		9	6095	65	53	5089		Pass
Pu date:	00. 01. 01	19. 07. 04	0.0000		10	6090	33	41	5291		Pass
Am241:	0.0000 +- 0.0000	0.0000 +-	0.0000							-	
Am date:		19. 07. 04			Passiv	e cycle rate	data				
						-					
Predelay:	1.50				Cycle	Singles	Doub I es		Triples	Mass	QC Tests
Gate length:	64.00				1	102. 125	0. 067		0.000	0.000	Pass
2nd gate length:	64. 00				2	100. 692	0.000		0.000	0.000	Pass
High voltage:	1720				3	101. 758	0. 067		0.000	0.000	Pass
Die away time:	50.0000				4	99. 625	-0. 267		0.000	0.000	
Efficiency:	0.0060				5	100. 792	-0. 050		0.000	0.000	Pass
Multiplicity deadtime:	0.0000				6	102. 475	0. 200		0.000	0.000	Pass
Coefficient A deadtime:	0.0000				7	100. 492	-0. 017		0.000	0.000	Pass
Coefficient B deadtime:	0.0000				8 9	100. 275	0. 033		0.000	0.000	Pass
Coefficient C deadtime: Doubles gate fraction:	0. 0000 0. 0001				10	100. 758 100. 675	0. 200 -0. 133		0.000	0. 000 0. 000	Pass
Triples gate fraction:	0. 0001				10	100. 675	-0. 133		0. 000	0.000	Pass
II IPIGO BALE ITACLIOII.	0.0001										
Normalization constant:	1.0000 +- 0.00	000									
Passive singles bkgrnd:	0.825 +- 0.00										
Passive doubles bkgrnd:	0.000 +- 0.00	00									

```
0.000 +-
0.947
INCC 5. 1. 2
                                                                                                                                                                                                                                                                             Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                               0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                              Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                Number passive cycles:
                                                                                                                                                                                                                                                                                            Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                           Passive error messages
                                                            19. 07. 04 13:18:52
974N1852. VER
                                                                                                                                                                                                                                                                           No known alpha calibration
              Results
                                                            BC1 201907
XXXX
                                                                                                                                                                                                                                                                                                                                      Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                              1479.098 +-
                                                                                                                                                                                                                                                                                                                                                                                                                   1.700
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                             7. 503 +-
0. 000 +-
2869. 306 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 724
0. 000
2. 370
0. 000
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                           Passive cycle raw data
                                                                                                                                                                                                                                                                                             Singles
89632
                                                                                                                                                                                                                                                                                                                              R+A
9048
9162
8907
                                                                                                                                                                                                                                                                                                                                                                             Scaler1
173038
171766
172311
                                                                                                                                                                                                                                                                                                                                                                                                       Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                            Cycle
                                                                                                                                                                                                                                                                                                                                                          8623
8477
                                                                                                                                                                                                                                                                                                   89686
89353
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                               9034
8779
9067
8849
8905
                                                                                                                                                                                                                                                                                                                                                         8424
8380
8487
8384
8569
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                               171996
171841
171747
171915
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                   89074
                                                                                                                                                                                                                                                                                                                                                                                                                     0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                     0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                   88782
89287
88825
                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
                                                                                                                                                                                                                                                                                8
9
10
                                          Pu241:
                                                                                                                                                                                                                                                                                                   88918
                                                                                                                                                                                                                                                                                                                                                                                172530
                                          Pu242:
                                                                                                                                                                                                                                                                                                   89458
                                                                                                                                                                                                                                                                                                                                8911
9109
                                                                                                                                                                                                                                                                                                                                                          8730
8509
                                                                                                                                                                                                                                                                                                                                                                               172213
172795
                                   Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                                                   89121
                                                                                                                      0. 0000 +-
19. 07. 04
                                                                                              0.0000
                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                           Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                     Doubles
6. 017
8. 986
7. 168
10. 171
6. 651
                                                                                                                                                                                                                                                                                                   Singles
1486. 075
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                        Triples
                                                                                                                                                                                                                                                                                                                                                                                                             Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                           Cvcle
                                                                                                                                                                                                                                                                                                                                                                            0.000
0.000
0.000
0.000
0.000
                                                               64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                   1486. 976
1481. 423
1476. 771
1471. 902
                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                  6
                                                                                                                                                                                                                                                                                                   1480. 322
1472. 619
                                                                                                                                                                                                                                                                                                                                           9. 670
7. 752
                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                         5. 600
3. 014
10. 004
                                                                                                                                                                                                                                                                                                   1474. 169
1483. 174
1477. 554
                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
                                                                                                     0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      8. 150 +-
0. 006 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                   (2)
```

	201907_AFAS-B Collar_Position2.txt	201907_AFAS-B Collar_Position2.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.947 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JM26 JSR_01 JSR_12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name:	19. 07. 04 13:34:57 974N3457. VER	No known alpha calibration
Inspection number: Item id:	BC2 201907	Results
Stratum id: Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file	Singles: 3953.381 \(- \) 2.306 Doubles: 64.191 \(- \) 2.042 Triples: 0.000 \(- \) 0.000 Scaler 1: 705.010 \(- \) 1.057 Scaler 2: 0.000 \(- \) 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	Measured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 236782 63420 59991 42139 0 Pass 2 237514 63805 59826 42672 0 Pass
Isotopics id: Isotopics source code: Pu239: Pu240: Pu241: Pu242: Pu date: Am241	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3 237385 64066 60101 42246 0 Pass 4 237556 63862 60260 42512 0 Pass 5 237220 64067 59750 42474 0 Pass 6 237308 63669 60100 42120 0 Pass 7 237418 63607 60104 42509 0 Pass 8 237902 64264 60082 42133 0 Pass 9 238311 65131 60672 42253 0 Pass 10 238012 63825 60350 42516 0 Pass
	00. 01. 01 19. 07. 04	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.0001 1.0000 + 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 3940,718 57,299 0.000 0.000 Pass 2 3952,934 66,480 0.000 0.000 Pass 3 3950,781 66,246 0.000 0.000 Pass 4 3953,635 60,180 0.000 0.000 Pass 5 3948,028 72,127 0.000 0.000 Pass 6 3949,496 58,626 0.000 0.000 Pass 7 3951,332 58,526 0.000 0.000 Pass 8 3959,409 69,872 0.000 0.000 Pass 9 3966,234 74,501 0.000 0.000 Pass 10 3961,245 58,059 0.000 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	8.150 + 0.000 0.006 + 0.000	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                    Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                      0. 000 +-
0. 947
                                                                                                                                                                                                                                                                                                                                                                   0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                     Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                       Number passive cycles:
                                                                                                                                                                                                                                                                                  Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                  Passive error messages
                                                          19. 07. 04 13:53:02
974N5302. VER
                                                                                                                                                                                                                                                                  No known alpha calibration
            Results
                                                          BC3 201907
                                                                                                                                                                                                                                                                                                                           Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                          XXXX
                                                                                                                                                                                                                                                                                                                                                               55191.996 +-
                                                                                                                                                                                                                                                                                                                                                                                                     9.931
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                         Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                               11886. 166 +-
0. 000 +-
175. 428 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                   34. 476
0. 000
0. 478
                                                                                                                                                                                                                                                                                                                                                                                                     0.000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          On
Sample method
Measured
                                                                                                                                                                                                                                                                  Passive cycle raw data
                                                                                                                                                                                                                                                                                    Singles
3284461
3283059
3284514
                                                                                                                                                                                                                                                                                                            R+A
12202785
12186866
12195286
                                                                                                                                                                                                                                                                                                                                                                 Scaler 1
10591
10629
10406
                                                                                                                                                                                                                                                                                                                                                                                          Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                   Cycle
                                                                                                                                                                                                                                                                                                                                    A
11511328
11499988
11505257
                       Isotopics id: Default
                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                    3283150
3281143
3280439
3284809
                                                                                                                                                                                                                                                                                                            12196703
12174940
12157494
12197533
                                                                                                                                                                                                                                                                                                                                                                     10634
10562
10511
10746
                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                     11496298
                                                                                                                                                                                                                                                                                                                                                                                                       0
0
0
0
0
0
                                                                                          0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                  0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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11488145
11473880
11507686
                                                                                                                                                                                                                                                                                                           12192721
12153240
12188592
                                                                                                                                                                                                                                                                                                                                     11511756
11473962
11494402
                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
                                                                                                                                                                                                                                                                                    3283983
                                        Pu241:
                                                                                                                                                                                                                                                                                                                                                                      10632
                                        Pu242:
                                                                                                                                                                                                                                                                                    3279460
3283013
                                                                                                                                                                                                                                                                                                                                                                      10589
                                  Pu date:
Am241:
Am date:
                                                          00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                       10
                                                                                                                                                                                                                                                                                                                                                                     10525
                                                                                                                  0. 0000 +-
19. 07. 04
                                                                                           0.0000
                                                                                                                                                  0.0000
                                                                                                                                                                                                                                                                  Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                           Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                      Singles
55220, 123
                                                                 1.50
64.00
                                                                                                                                                                                                                                                                  Cvcle
                                                                                                                                                                                                                                                                                                                        Doubles
11940, 104
                                                                                                                                                                                                                                                                                                                                                                                                 Mass QC Tests
0.000 Pass
                                                             64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                      55196. 337
55221. 022
55197. 881
55163. 832
                                                                                                                                                                                                                                                                                                                        11860. 853
11915. 452
12094. 446
11859. 172
                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
Pass
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7
                                                                                                                                                                                                                                                                                       55151.889
                                                                                                                                                                                                                                                                                                                        11804, 154
                                                                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                                       55226 027
                                                                                                                                                                                                                                                                                                                        11912 348
                                                                                                                                                                                                                                                                                      55212. 013
55135. 280
55195. 557
                                                                                                                                                                                                                                                                                                                        11758. 867
11729. 158
11987. 109
                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                    1.0000 +-
 Normalization constant:
                                                                                                 0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                    8. 150 +-
0. 006 +-
                                                                                                    (1)
                                                                                                                                                                                                                                                                                                                                                                       (2)
```

	201907_AFAS-B Collar_Position4.txt	201907_AFAS-B Collar_Position4.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.947 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JSR_01	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:	19. 07. 04 14:12:06 97401206. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification Review disk file	Singles: 7092.861 +- 4.140 Doubles: 193.630 +- 4.737 Triples: 0.000 +- 0.000 Scaler 1: 59.168 +- 0.311 Scaler 2: 0.000 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	measured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 425695 205372 192678 3522 0 Pass 2 423913 203083 191272 3641 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 00.01.01 19.07.04 0.0000 0.0000 0.001 19.07.04 0.0000	3 424867 203668 193304 3578 0 Pass 4 426068 204554 193026 3603 0 Pass 5 426572 205742 195373 3632 0 Pass 6 425618 205064 192914 3710 0 Pass 7 426289 205853 193606 3661 0 Pass 8 425211 204742 192100 3624 0 Pass 9 426148 204567 193964 3528 0 Pass 10 425373 204705 193460 3570 0 Pass Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Coefficient C facatime: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.0001 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 7094,859 212.528 0.000 0.000 Pass 2 7065.091 197.740 0.000 0.000 Pass 3 7081.027 173.515 0.000 0.000 Pass 4 7101.090 193.006 0.000 0.000 Pass 5 7109.509 173.602 0.000 0.000 Pass 6 7093.572 203.420 0.000 0.000 Pass 7 7104.781 205.045 0.000 0.000 Pass 8 7086.774 211.656 0.000 0.000 Pass 9 7102.426 177.519 0.000 0.000 Pass 10 7089.480 188.267 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	8. 150 +- 0. 000 0. 006 +- 0. 000	
	(1)	(2)

```
201907_AFAS-B Collar_Position5.txt
                                                                                                                                                                                                                                                                                                                                           201907_AFAS-B Collar_Position5.txt
                                                                                                                                                                                                                                                                                                                                               0.000 +-
0.947
INCC 5. 1. 2
                                                                                                                                                                                                                                                                           Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                            0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                           Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                             Number passive cycles:
                                                                                                                                                                                                                                                                                         Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                        Passive error messages
                                                           19. 07. 04 14:28:11
97402811. VER
                                                                                                                                                                                                                                                                        No known alpha calibration
             Results
                                                           BC5 201907
                                                                                                                                                                                                                                                                                                                                   Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                           XXXX
                                                                                                                                                                                                                                                                                                                                                                         2934, 568 +-
                                                                                                                                                                                                                                                                                                                                                                                                               1, 223
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                              32. 447 +-
0. 000 +-
51. 595 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                               1. 738
0. 000
0. 221
0. 000
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                        Passive cycle raw data
                                                                                                                                                                                                                                                                                                                          R+A
35086
35265
35285
                                                                                                                                                                                                                                                                                                                                                                          Scaler1
3147
3113
3196
                                                                                                                                                                                                                                                                                                                                                                                                   Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                         Cycle
                                                                                                                                                                                                                                                                                                                                                    A
33302
33283
33211
                                                                                                                                                                                                                                                                                              176286
176493
176613
                        Isotopics id: Default
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                          35463
35479
35097
35331
34979
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                    33088
33124
33292
33193
                                                                                                                                                                                                                                                                                                                                                                                3178
3165
3141
3093
                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                               176480
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0
0
0
0
0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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176365
176741
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33285
33560
                                                                                                                                                                                                                                                                                                                                                                                3101
                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
                                                                                                                                                                                                                                                                                              176001
                                         Pu241:
                                         Pu242:
                                                                                                                                                                                                                                                                                              176390
176715
                                                                                                                                                                                                                                                                                                                           34859
                                                                                                                                                                                                                                                                                                                                                                                3168
3223
                                   Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                              10
                                                                                                                     0. 0000 +-
19. 07. 04
                                                                                             0.0000
                                                                                                                                                     0.0000
                                                                                                                                                                                                                                                                        Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                    Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                Singles
2931.336
                                                                  1.50
64.00
                                                                                                                                                                                                                                                                                                                                  Doubles
29. 784
33. 090
34. 626
39. 652
39. 319
30. 134
35. 695
33. 691
26. 277
22. 203
                                                                                                                                                                                                                                                                                                                                                                                                          Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                        Cvcle
                                                              64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                2931. 336
2934. 790
2936. 792
2934. 573
2938. 460
2932. 654
                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
0. 000
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Pass
Pass
Pass
Pass
Pass
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7
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0. 000
                                                                                                                                                                                                                                                                                                 2938 927
                                                                                                                                                                                                                                                                                                2936. 927
2926. 582
2933. 071
2938. 493
                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                     1.0000 +-
                                                                                                    0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     8. 150 +-
0. 006 +-
                                                                                                      (1)
                                                                                                                                                                                                                                                                                                                                                                                (2)
```

	201907_AFAS-B Collar_Position6.txt	201907_AFAS-B Collar_Position6.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 +- 0.000 Passive scaler1 bkgrnd: 0.947 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JSR_01 JSR_01	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name:	19. 07. 04 09:15:07 974J1507. VER	No known alpha calibration
Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: OC tests:	XXXX Pu 0.000 Verification Review disk file	Results Singles: 928.138 ← 1.289 Doubles: 3.301 ← 0.400 Triples: 0.000 ← 0.000 Scaler 1: 74.426 ← 0.314 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method:		Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 55826 3570 3311 4429 0 Pass 2 56291 3577 3335 4636 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000	3 56495 3539 3419 4598 0 Pass 5 56201 3550 3278 4512 0 Pass 6 56087 3603 3350 4489 0 Pass 7 56117 3507 3472 4495 0 Pass 8 56270 3551 3370 4533 0 Pass 9 56534 3559 3375 4473 0 Pass 10 55802 3467 3267 4535 0 Pass
Am date:		Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Coefficient C facatime: Triples gate fraction:	1.50 64.00 1720 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.0001	Cyc le Singles Doubles Triples Mass QC Tests 1 922.423 4.314 0.000 0.000 Pass 2 930.175 4.030 0.000 0.000 Pass 3 933.576 1.996 0.000 0.000 0.000 4 926.407 4.280 0.000 0.000 Pass 5 928.674 4.530 0.000 0.000 Pass 6 926.774 4.213 0.000 0.000 Pass 7 927.274 0.578 0.000 0.000 Pass 8 929.825 2.679 0.000 0.000 Pass 9 934.226 3.063 0.000 0.000 Pass 10 922.022 3.330 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	8.150 +- 0.000 0.006 0.000	
	(1)	(2)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                       Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                          0. 000 +-
0. 947
                                                                                                                                                                                                                                                                                                                                                                      0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                         Number passive cycles:
                                                                                                                                                                                                                                                                                     Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                     Passive error messages
                                                           19. 07. 04 09:32:12
974J3212. VER
                                                                                                                                                                                                                                                                     No known alpha calibration
             Results
                                                           BC7 201907
XXXX
                                                                                                                                                                                                                                                                                                                              Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                     1131,817 +-
                                                                                                                                                                                                                                                                                                                                                                                                         1.612
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                       5. 568 +-
0. 000 +-
120. 840 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                         0. 450
0. 000
0. 464
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                     Passive cycle raw data
                                                                                                                                                                                                                                                                                                                      R+A
5355
5190
5293
                                                                                                                                                                                                                                                                                                                                                                     Scaler 1
7238
7207
7166
                                                                                                                                                                                                                                                                                                                                                                                              Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                                 A
4996
4913
4976
                                                                                                                                                                                                                                                                                             68124
68502
                        Isotopics id: Default
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                            7347
7455
7252
7352
7340
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                       5231
5285
5331
5299
                                                                                                                                                                                                                                                                                                                                                 4812
4931
5004
5009
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Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                             68046
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0
0
0
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0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                   0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                             68419
68409
68912
                                                                                                                                                                                                                                                                                                                       5436
5111
5290
                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                  4920
                                         Pu241:
                                                                                                                                                                                                                                                                           8
                                                                                                                                                                                                                                                                                             68683
                                         Pu242:
                                                                                                                                                                                                                                                                                             67914
                                                                                                                                                                                                                                                                                                                                                  4898
                                                                                                                                                                                                                                                                                                                                                                            7370
7345
                                   Pu242:
Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                          10
                                                                                                                                                                                                                                                                                             68263
                                                                                                                   0. 0000 +-
19. 07. 04
                                                                                            0.0000
                                                                                                                                                   0.0000
                                                                                                                                                                                                                                                                     Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                               Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                              Doubles
5. 982
4. 614
5. 281
6. 983
5. 899
                                                                                                                                                                                                                                                                                             Singles
1135, 110
                                                                 1.50
64.00
                                                                                                                                                                                                                                                                     Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                    Mass QC Tests
0.000 Pass
                                                             64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                             1127. 457
1133. 759
1126. 157
1132. 376
                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                           6
7
                                                                                                                                                                                                                                                                                             1132, 209
                                                                                                                                                                                                                                                                                                                                  5. 448
4. 831
                                                                                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                             1140 595
                                                                                                                                                                                                                                                                                             1136, 777
1123, 956
1129, 775
                                                                                                                                                                                                                                                                                                                                   8. 601
3. 547
4. 498
                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                    1.0000 +-
                                                                                                  0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                    8. 150 +-
0. 006 +-
                                                                                                     (1)
                                                                                                                                                                                                                                                                                                                                                                          (2)
```

	201907 AFAS-B Collar Position8 txt		201907 AFAS	-B Collar_Position8.txt
	201307_ALAG B OUTTAI_TOSTETOIIO. EXE		201307_ALAO	B GOTTAT _ TOST ET OND. EXE
INCC 5. 1. 2		Passive triples bkg Passive scaler1 bkg	rnd: 0. 947	0.000
Facility: Material balance area:	JM2G	Passive scaler2 bkg		
Detector type: Detector id: Electronics id:	JSR_01 JSR_01 JSR-12	Number passive cyc Count time (s		
Inventory change code: I/O code:	00N 12	Passive error messag	es	
Measurement date: Results file name:	19. 07. 04	No known alpha calib	ration	
Inspection number: Item id:	BC8 201907	Results		
Stratum id: Material type: Original declared mass:	XXXX Pu 0.000		Singles: Doubles: Triples:	652.094 +- 0.921 1.775 +- 0.236 0.000 +- 0.000
Measurement option: Data source:	Verification Review disk file		Scaler 1: Scaler 2:	47. 650 + 0. 286 0. 000 + 0. 000
QC tests: Error calculation:	On Sample method	Passive cycle raw da		
Accidentals method: Inspector name:	Measured	Cycle Singles	R+A A	Scaler1 Scaler2 QC Tests
Passive comment: Isotopics id:	Default	1 39665 2 39781 3 39551	1751 1653 1798 1665 1816 1658	2927 0 Pass 2939 0 Pass 2858 0 Pass
Isotopics source code: Pu238:	00 0.0000 +- 0.0000 0.0000 +- 0.0000	4 39707 5 39295	1780 1667 1756 1610	2976 0 Pass 2895 0 Pass
Pu239 : Pu240 :	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6 39847 7 39609	1792 1683 1720 1724	2926 0 Pass 2839 0 Pass
Pu241: Pu242: Pu date:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	8 39434 9 39754 10 39461	1722 1639 1758 1650 1746 1622	2882 0 Pass 3020 0 Pass 2896 0 Pass
Am241: Am date:	0.0000 + 0.0000	Passive cycle rate of		2090 0 1 200
Predelay:	1.50	Ocala Cinala	David Lan	Triples Mass QC Tests
Gate length: 2nd gate length:	64. 00 64. 00	Cycle Singles 1 653.004 2 654.937	1. 628 2. 212	0. 000
High voltage: Die away time: Efficiency:	1720 50. 0000 0. 1970	3 651.103 4 653.704 5 646.836	2. 629 1. 878 2. 429	0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass
Multiplicity deadtime: Coefficient A deadtime:	160. 0000 0. 6419	6 656. 038 7 652. 070	1. 812 -0. 072	0. 000 0. 000 Pass 0. 000 0. 000 Pass
Coefficient B deadtime: Coefficient C deadtime:	0. 1030 0. 0000	8 649.153 9 654.487 10 649.603	1. 378 1. 795	0.000 0.000 Pass 0.000 0.000 Pass
Doubles gate fraction: Triples gate fraction:	0. 0001 0. 0001	10 649.603	2. 062	0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000			
Passive singles bkgrnd: Passive doubles bkgrnd:	8. 150 +- 0. 000 0. 006 +- 0. 000			

```
0.000 +-
0.947
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                    Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                        0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                     Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                                       Number passive cycles:
                                                                                                                                                                                                                                                                                                   Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                  Passive error messages
                                                              19. 07. 04 10:07:21
974K0721. VER
                                                                                                                                                                                                                                                                                  No known alpha calibration
             Results
                                                              BC9 201907
                                                             BC9 201907
XXXX
Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                               Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                        1262.659 +--
                                                                                                                                                                                                                                                                                                                                                                                                                             1, 277
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                                                                                                                                                                                                           5. 886 +-
0. 000 +-
32. 611 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                             0. 662
0. 000
0. 294
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                  Passive cycle raw data
                                                                                                                                                                                                                                                                                                     Singles
76231
                                                                                                                                                                                                                                                                                                                                      R+A
6650
6462
6610
                                                                                                                                                                                                                                                                                                                                                                                       Scaler 1
2100
1992
1972
                                                                                                                                                                                                                                                                                                                                                                                                                 Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                   Cycle
                                                                                                                                                                                                                                                                                                                                                                  A
6103
6059
6074
                                                                                                                                                                                                                                                                                                           76212
                         Isotopics id: Default
                                                                                                                                                                                                                                                                                                           76389
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                  6318
6301
6177
6299
6244
                                                                                                                                                                                                                                                                                                                                                                                              2088
1969
1932
1998
1999
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                           76415
76235
76124
76591
                                                                                                                                                                                                                                                                                                                                       6495
6659
6524
6512
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                               0
0
0
0
0
0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                         0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
                                                                                                                                                                                                                                                                                        8
9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                           76430
                                                                                                                                                                                                                                                                                                                                        6486
                                           Pu242:
                                                                                                                                                                                                                                                                                                           75838
75865
                                                                                                                                                                                                                                                                                                                                        6508
                                                                                                                                                                                                                                                                                                                                                                   6103
6197
                                                                                                                                                                                                                                                                                                                                                                                             2011
2074
                                     Pu242:
Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                         0. 0000 +-
19. 07. 04
                                                                                                0.0000
                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                  Passive cycle rate data
                                                               1. 50
64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                               Doubles

9. 118

6. 716

8. 935

2. 947

5. 966

5. 782

3. 547
                                                                                                                                                                                                                                                                                                                                                                                Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                           Singles
1262, 626
                                                                                                                                                                                                                                                                                                                                                                                                                       Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                  Cvcle
                                                                                                                                                                                                                                                                                                           1262. 309
1265. 260
1265. 694
1262. 693
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                         6
                                                                                                                                                                                                                                                                                                           1260, 842
                                                                                                                                                                                                                                                                                                           1268 628
                                                                                                                                                                                                                                                                                                           1265. 944
1256. 073
1256. 524
                                                                                                                                                                                                                                                                                                                                                    4. 031
6. 750
5. 065
                                                                        1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        8. 150 +-
0. 006 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                             (2)
```

	201907_AFAS-B Collar_Position10.txt	201907_AFAS-B Collar_Position10.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.947 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:		Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code: Measurement date:	19. 07. 04 10:23:26	Passive error messages
Results file name: Inspection number:	974K2326. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source QC tests:	XXXX Pu 0.000 Verification Review disk file	Singles: 1246.466 + 0.923 Doubles: 5.872 + 0.662 Triples: 0.000 + 0.000 Scaler 1: 36.933 + 0.236 Scaler 2: 0.000 + 0.000
Error calculation: Accidentals method: Inspector name: Passive comment:		Passive cycle raw data Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 75174 6301 6001 2277 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	7 75408 6390 6049 2268 0 Pass 3 74909 6363 5967 2338 0 Pass 4 75348 6496 6044 2213 0 Pass 5 75241 6325 5940 2330 0 Pass 6 75534 6425 5947 2210 0 Pass 7 75249 6498 6049 2298 0 Pass 8 75093 6464 6099 2302 0 Pass 9 75362 6348 6271 2248 0 Pass 10 75300 6278 6057 2244 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 1245,002 4,988 0.000 0.000 Pass 2 1248,904 5,682 0.000 0.000 Pass 3 1240,584 6,600 0.000 0.000 Pass 4 1247,903 7,534 0.000 0.000 Pass 5 1246,119 7,417 0.000 0.000 Pass 6 1251,005 7,967 0.000 0.000 Pass 7 1246,253 7,484 0.000 0.000 Pass 8 1243,652 6.083 0.000 0.000 Pass 9 1248,137 1.279 0.000 0.000 Pass 10 1247,103 3.681 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd: Passive doubles bkgrnd:	1.0000 ← 0.0000 8.150 ← 0.000 0.006 ← 0.000	

```
201907_AFAS-B Top Fork_Position1.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                                     Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                        0. 000 +-
0. 947
                                                                                                                                                                                                                                                                                                                                                                    0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                      Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                                        Number passive cycles:
                                                                                                                                                                                                                                                                                    Count time (sec)
                                                          JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                   Passive error messages
                                                          19. 07. 04 13:18:52
974N1852. VER
                                                                                                                                                                                                                                                                   No known alpha calibration
            Results
                                                          BT1 201907
                                                                                                                                                                                                                                                                                                                             Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                   1478.744 +-
                                                          XXXX
                                                                                                                                                                                                                                                                                                                                                                                                       1.699
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                   7. 496 +-
0. 000 +-
2869. 306 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                       0. 723
0. 000
2. 370
0. 000
                                                          On
Sample method
Measured
                                                                                                                                                                                                                                                                   Passive cycle raw data
                                                                                                                                                                                                                                                                                     Singles
89632
                                                                                                                                                                                                                                                                                                                     R+A
9048
9162
8907
                                                                                                                                                                                                                                                                                                                                                                   Scaler1
173038
171766
172311
                                                                                                                                                                                                                                                                                                                                                                                            Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                    Cycle
                                                                                                                                                                                                                                                                                                                                                8623
8477
                                                                                                                                                                                                                                                                                           89686
89353
                       Isotopics id: Default
                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                      9034
8779
9067
8849
8905
                                                                                                                                                                                                                                                                                                                                               8424
8380
8487
8384
8569
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                     171996
171841
171747
171915
                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                           89074
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0
0
0
0
0
                                                                                          0.0000
0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                 0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
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89287
88825
                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
                                         Pu241:
                                                                                                                                                                                                                                                                         8
                                                                                                                                                                                                                                                                                           88918
                                                                                                                                                                                                                                                                                                                                                                      172530
                                                                                                                                                                                                                                                                                                                                                 8730
8509
                                         Pu242:
                                                                                                                                                                                                                                                                                           89458
                                                                                                                                                                                                                                                                                                                       8911
9109
                                                                                                                                                                                                                                                                                                                                                                     172213
172795
                                  Pu date:
Am241:
Am date:
                                                          00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                         10
                                                                                                                                                                                                                                                                                           89121
                                                                                                                  0. 0000 +-
19. 07. 04
                                                                                           0.0000
                                                                                                                                                   0.0000
                                                                                                                                                                                                                                                                   Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                 1.50
64.00
                                                                                                                                                                                                                                                                                           Singles
1485.717
                                                                                                                                                                                                                                                                   Cvcle
                                                                                                                                                                                                                                                                                                                             Doub I es
                                                                                                                                                                                                                                                                                                                                                              Triples
                                                                                                                                                                                                                                                                                                                                                                                                   Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                6. 011
8. 978
7. 161
10. 161
6. 644
                                                                                                                                                                                                                                                                                                                                                                  0.000
0.000
0.000
0.000
0.000
                                                             64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                           1486. 617
1481. 067
1476. 417
1471. 550
                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                 9. 661
7. 744
5. 594
3. 011
9. 994
                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                          6
                                                                                                                                                                                                                                                                                           1479. 967
1472. 267
                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
                                                                                                                                                                                                                                                                                           1472. 207
1473. 817
1482. 817
1477. 200
                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                    1.0000 +-
 Normalization constant:
                                                                                                  0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                    8. 150 +-
0. 006 +-
                                                                                                    (1)
                                                                                                                                                                                                                                                                                                                                                                         (2)
```

	201907_AFAS-B Top Fork_Pos	sition2.txt				201907	AFAS-B Top Fork	_Position2.txt
INCC 5.1.2 Facility:	JMOX			Passi	ve triples bkg ve scaler1 bkg ve scaler2 bkg	rnd: 0.9		
Material balance area: Detector type: Detector id: Electronics id:	JM2G JSR_01 JSR_01 JSR-12			Numbe	er passive cyc Count time (s		0	
Inventory change code: I/O code:	35K 12			Passive	e error messag	ges		
Measurement date: Results file name:	19. 07. 04 13:34:57 974N3457. VER			No know	wn alpha calib	oration		
Inspection number: Item id:	BT2 201907			Result	S			
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file On					Singles Doubles Triples Scaler 1 Scaler 2	64. 028 0. 000 705. 010	+- 2. 037 +- 0. 000 +- 1. 057
Error calculation: Accidentals method:	Sample method Measured			Passive	e cycle raw da	nta		
Inspector name: Passive comment:	measured			Cycle 1 2	Singles 236782 237514	63420 5	Scaler1 9991 42139 9826 42672	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	0.0000 +- 0.0000 0 100.0000 +- 0.0000 0 0.0000 +- 0.0000 0 0.0000 +- 0.0000 0 00.01.01 19.	0.0000 + 0.0 0.0000 + 0.0 0.0000 + 0.0 0.0000 + 0.0 0.07.04	0000 0000 0000 0000 0000 0000	3 4 5 6 7 8 9 10	237385 237556 237220 237308 237418 237902 238311 238012	63862 6 64067 5 63609 6 63607 6 64264 6 65131 6 63825 6	1101 42246 1260 42512 17750 42474 11100 42120 1104 42509 1082 42133 1672 42253 1350 42516	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001			Cycle 1 2 3 4 5 6 7 8 9	Singles 3938, 217 3950, 417 3948, 267 3951, 117 3945, 517 3946, 984 3948, 817 3956, 884 3963, 700 3958, 717	Doubles 57. 144 66. 311 66. 078 60. 028 71. 944 58. 478 69. 694 74. 311 57. 911	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant:	1.0000 +- 0.0000							
Passive singles bkgrnd: Passive doubles bkgrnd:	8. 150 +- 0. 000 0. 006 +- 0. 000							
	(1)						(2)	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                      Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                          0. 000 +-
0. 947
                                                                                                                                                                                                                                                                                                                                                                      0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                         Number passive cycles:
                                                                                                                                                                                                                                                                                     Count time (sec)
                                                           JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                    Passive error messages
                                                           19. 07. 04 13:53:02
974N5302. VER
                                                                                                                                                                                                                                                                    No known alpha calibration
             Results
                                                           BT3 201907
                                                                                                                                                                                                                                                                                                                              Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                  54705, 235 +-
                                                                                                                                                                                                                                                                                                                                                                                                         9. 757
                                                           XXXX
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                 11472. 424 +-
0. 000 +-
175. 428 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                      33. 240
0. 000
0. 478
                                                                                                                                                                                                                                                                                                                                                                                                         0.000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                    Passive cycle raw data
                                                                                                                                                                                                                                                                                       Singles
3284461
3283059
3284514
                                                                                                                                                                                                                                                                                                              R+A
12202785
12186866
12195286
                                                                                                                                                                                                                                                                                                                                                                    Scaler 1
10591
10629
10406
                                                                                                                                                                                                                                                                                                                                                                                             Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                       A
11511328
11499988
11505257
                        Isotopics id: Default
                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                       3283150
3281143
3280439
3284809
                                                                                                                                                                                                                                                                                                              12196703
12174940
12157494
12197533
                                                                                                                                                                                                                                                                                                                                                                         10634
10562
10511
10746
                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                        11496298
                                                                                                                                                                                                                                                                                                                                                                                                           0
0
0
0
0
0
                                                                                           0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                   0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                  0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                        11496298
11488145
11473880
11507686
                                                                                                                                                                                                                                                                                                             12192721
12153240
12188592
                                                                                                                                                                                                                                                                                                                                       11511756
11473962
11494402
                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
                                                                                                                                                                                                                                                                          8
9
10
                                                                                                                                                                                                                                                                                       3283983
                                         Pu241:
                                                                                                                                                                                                                                                                                                                                                                         10632
                                         Pu242:
                                                                                                                                                                                                                                                                                       3279460
3283013
                                                                                                                                                                                                                                                                                                                                                                         10589
                                   Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                                                                                                                         10525
                                                                                                                   0. 0000 +-
19. 07. 04
                                                                                           0.0000
                                                                                                                                                   0.0000
                                                                                                                                                                                                                                                                    Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                              Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                         Singles
54732.867
                                                                 1.50
64.00
                                                                                                                                                                                                                                                                    Cvcle
                                                                                                                                                                                                                                                                                                                           Doubles
11524, 278
                                                                                                                                                                                                                                                                                                                                                                                                    Mass QC Tests
0.000 Pass
                                                             64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                          54709. 500
54733. 750
54711. 017
54677. 567
                                                                                                                                                                                                                                                                                                                           11447. 961
11500. 478
11673. 411
11446. 578
                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                           6
7
                                                                                                                                                                                                                                                                                          54665, 834
                                                                                                                                                                                                                                                                                                                           11393. 561
11497. 444
                                                                                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                          54738 667
                                                                                                                                                                                                                                                                                         54738. 667
54724. 900
54649. 517
54708. 734
                                                                                                                                                                                                                                                                                                                           11349, 411
11321, 294
11569, 828
                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                    1.0000 +-
 Normalization constant:
                                                                                                  0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                    8. 150 +-
0. 006 +-
                                                                                                    (1)
                                                                                                                                                                                                                                                                                                                                                                          (2)
```

	201907_AFAS-B Top Fork_Position4.txt	201907_AFAS-B Top Fork_Position4.txt
INCC 5. 1. 2		Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.947
Facility: Material balance area:		Passive scaler2 bkgrnd: 0.000
Detector type: Detector id: Electronics id:	JSR_01 JSR_01	Number passive cycles: 10 Count time (sec): 60
Inventory change code:	00N-1Z	Passive error messages
Measurement date: Results file name:	19. 07. 04 14:12:06 97401206. VER	No known alpha calibration
Inspection number: Item id:	BT4 201907	Results
Stratum id: Material type: Original declared mass: Measurement option:	Pu 0. 000	Singles: 7084.774 ← 4.131 Doubles: 192.749 ← 4.716 Triples: 0.000 ← 0.000 Scaler 1: 59.168 ← 0.311
Data source:	Review disk file	Scaler 1: 59.108 + 0.311 Scaler 2: 0.000 + 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	medaurou	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 425695 205372 192678 3522 0 Pass 2 423913 203083 191272 3641 0 Pass
Isotopics id: Isotopics source code: Pu238:	CO 0.0000 +- 0.0000 0.0000 +- 0.0000	3 424867 203668 193304 3578 0 Pass 4 426068 204554 193026 3603 0 Pass 5 426572 205742 195373 3632 0 Pass
Pu239: Pu240: Pu241:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6 425618 205064 192914 3710 0 Pass 7 426289 205853 193606 3661 0 Pass 8 425211 204742 192100 3624 0 Pass
Pu242: Pu date: Am241:	0.0000 ← 0.0000 0.0000 ← 0.0000 00.01.01 19.07.04 0.0000 ← 0.0000 0.0000 ← 0.0000	9 426148 204567 193964 3528 0 Pass 10 425373 204705 193460 3570 0 Pass
Am date:		Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime:	1.50 64.00 64.00 1720 50.0000 0.0080 0.0000 0.0000	Cycle Singles Doubles Triples Mass QC Tests 1 7086.767 211.561 0.000 0.000 Pass 2 7057.067 196.844 0.000 0.000 Pass 3 7072.967 172.728 0.000 0.000 Pass 4 7092.984 192.128 0.000 0.000 Pass 5 7101.384 172.811 0.000 0.000 Pass 6 7085.484 202.494 0.000 0.000 Pass 7 7096.667 204.111 0.000 0.000 Pass 8 7078.700 210.694 0.000 0.000 0.000
Coefficient C deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0.0000 0.0001 0.0001	9 7094,317 176,711 0.000 0.000 Pass 10 7081,400 187,411 0.000 0.000 Pass
Normalization constant:	1. 0000 +- 0. 0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	8. 150 ← 0. 000 0. 006 ← 0. 000	

(2)

```
0. 000 +-
0. 947
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                  Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                     0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                  Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                                                     Number passive cycles:
                                                                                                                                                                                                                                                                                                 Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                               Passive error messages
                                                             19. 07. 04 14:28:11
97402811. VER
                                                                                                                                                                                                                                                                               No known alpha calibration
             Results
                                                             BT5 201907
                                                                                                                                                                                                                                                                                                                                            Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                   2933, 179 +-
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                          1, 222
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                       32. 386 +-
0. 000 +-
51. 595 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                          1. 735
0. 000
0. 221
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                               Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                  R+A
35086
35265
35285
                                                                                                                                                                                                                                                                                                                                                                                    Scaler1
3147
3113
3196
                                                                                                                                                                                                                                                                                                                                                                                                             Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                Cycle
                                                                                                                                                                                                                                                                                                                                                             A
33302
33283
33211
                                                                                                                                                                                                                                                                                                      176286
176493
176613
                         Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                  35463
35479
35097
35331
34979
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                             33088
33124
33292
33193
                                                                                                                                                                                                                                                                                                                                                                                         3178
3165
3141
3093
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                      176480
                                                                                                                                                                                                                                                                                                                                                                                                                            0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                      176713
176365
176741
                                                                                                                                                                                                                                                                                                                                                             32961
33285
33560
                                                                                                                                                                                                                                                                                                                                                                                          3101
                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                      176001
                                          Pu241:
                                          Pu242:
                                                                                                                                                                                                                                                                                                      176390
176715
                                                                                                                                                                                                                                                                                                                                   34859
                                                                                                                                                                                                                                                                                                                                                                                          3168
3223
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                                     10
                                                                                                                        0. 0000 +-
19. 07. 04
                                                                                               0.0000
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                               Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                           Doubles
29. 728
33. 028
34. 561
39. 578
39. 244
                                                                                                                                                                                                                                                                                                                                                                             Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                        Singles
2929.950
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                               Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                     Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                         2933. 400
2935. 400
2933. 184
2937. 067
                                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                              30. 078
35. 628
33. 628
26. 228
22. 161
                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                       6
7
                                                                                                                                                                                                                                                                                                         2931. 267
2937. 534
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
                                                                                                                                                                                                                                                                                                        2937. 534
2925. 200
2931. 684
2937. 100
                                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       8. 150 +-
0. 006 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                         (2)
```

	201907_AFAS-B Top Fork_Position6.txt	201907_AFAS-B Top Fork_Position6.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.947 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Flectronics id:	JSR_01 JSR_01	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
	19.07.04 09:15:07 974J1507.VER	No known alpha calibration
Inspection number: Item id:		Results
Stratum id: Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file	Singles: 927.997 +- 1.289 Doubles: 3.299 +- 0.400 Triples: 0.000 +- 0.000 Scaler 1: 74.426 +- 0.314 Scaler 2: 0.000 +- 0.000
QC tests: Error calculation:	Sample method	Passive cycle raw data
Accidentals method: Inspector name: Passive comment:	Measured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 55826 3570 3311 4429 0 Pass 2 56291 3577 3335 4636 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3 56495 3539 3419 4598 0 Pass 556201 3550 3278 4512 0 Pass 6 56201 3550 3278 4512 0 Pass 7 56117 3507 3472 4495 0 Pass 7 56117 3507 3472 4495 0 Pass 8 56270 3531 3370 4533 0 Pass 9 56534 3559 3375 4473 0 Pass 10 55802 3467 3267 4535 0 Pass
	00. 01. 01 19. 07. 04	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.0080 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	Cycle Singles Doubles Triples Mass 0C Tests 1 922, 284 4, 311 0.000 0.000 Pass 2 930, 034 4, 028 0.000 0.000 Pass 3 933, 434 1, 994 0.000 0.000 Pass 4 926, 267 4, 278 0.000 0.000 Pass 5 928, 534 4, 528 0.000 0.000 Pass 6 926, 634 4, 211 0.000 0.000 Pass 7 927, 134 0.578 0.000 0.000 Pass 8 929, 684 2.678 0.000 0.000 Pass 9 934, 084 3.061 0.000 0.000 Pass 10 921, 884 3.328 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1. 0000 ← 0. 0000 8. 150 ← 0. 000	
Passive doubles bkgrnd:	0.006 +- 0.000	

```
201907_AFAS-B Top Fork_Position7.txt
                                                                                                                                                                                                                                                                                                                                       201907_AFAS-B Top Fork_Position7.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                                         Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                            0. 000 +-
0. 947
                                                                                                                                                                                                                                                                                                                                                                         0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                          Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                                            Number passive cycles:
                                                                                                                                                                                                                                                                                        Count time (sec)
                                                           JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                       Passive error messages
                                                           19. 07. 04 09:32:12
974J3212. VER
                                                                                                                                                                                                                                                                       No known alpha calibration
             Results
                                                           BT7 201907
                                                                                                                                                                                                                                                                                                                                 Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                        1131,609 +-
                                                           XXXX
                                                                                                                                                                                                                                                                                                                                                                                                             1, 611
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                         5. 564 +-
0. 000 +-
120. 840 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                             0. 450
0. 000
0. 464
0. 000
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                       Passive cycle raw data
                                                                                                                                                                                                                                                                                         Singles
68583
68124
68502
                                                                                                                                                                                                                                                                                                                         R+A
5355
5190
5293
                                                                                                                                                                                                                                                                                                                                                                        Scaler 1
7238
7207
7166
                                                                                                                                                                                                                                                                                                                                                                                                 Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                        Cycle
                                                                                                                                                                                                                                                                                                                                                    A
4996
4913
4976
                        Isotopics id: Default
                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                    4812
4931
5004
5009
4920
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                          5231
5285
5331
5299
                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                               68046
                                                                                                                                                                                                                                                                                                                                                                               7347
7455
7252
7352
7340
7370
7345
                                                                                                                                                                                                                                                                                                                                                                                                               0
0
0
0
0
0
                                                                                            0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                    0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                   0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
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68409
68912
                                                                                                                                                                                                                                                                                                                          5436
5111
5290
                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
                                         Pu241:
                                                                                                                                                                                                                                                                              8
                                                                                                                                                                                                                                                                                               68683
                                         Pu242:
                                                                                                                                                                                                                                                                                               67914
                                                                                                                                                                                                                                                                                                                                                     4898
5020
                                   Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                             10
                                                                                                                                                                                                                                                                                               68263
                                                                                                                    0. 0000 +-
19. 07. 04
                                                                                            0.0000
                                                                                                                                                     0.0000
                                                                                                                                                                                                                                                                       Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                  Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                               Singles
1134, 900
                                                                  1.50
64.00
                                                                                                                                                                                                                                                                                                                                 Doubles
5. 978
4. 611
5. 278
6. 978
5. 894
5. 444
4. 828
8. 594
3. 544
4. 494
                                                                                                                                                                                                                                                                       Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                        Mass QC Tests
0.000 Pass
                                                              64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                               1127. 250
1133. 550
1125. 950
1132. 167
                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                              6
                                                                                                                                                                                                                                                                                               1132. 000
1140. 384
                                                                                                                                                                                                                                                                                               1140. 384
1136. 567
1123. 750
1129. 567
                                                                     1.0000 +-
 Normalization constant:
                                                                                                   0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     8. 150 +-
0. 006 +-
                                                                                                     (1)
                                                                                                                                                                                                                                                                                                                                                                              (2)
```

	201907_AFAS-B Top Fork	<_Position8.tx	i.			2019	07_AFAS-	-B Top Fork_F	Position8.txt
INCC 5.1.2 Facility:	JMOX			Passiv	ve triples bk; ve scaler1 bk; ve scaler2 bk;	grnd: 0	. 000 +- . 947 . 000	0.000	
Material balance area: Detector type: Detector id: Electronics id:	JM2G JSR_01 JSR_01 JSR-12			Numbe	er passive cy Count time (10 60		
Inventory change code:	05K 12			Passive	e error messa	ges			
Measurement date: Results file name: Inspection number:	19. 07. 04 09:50:17 974J5017. VER			No know Results	wn alpha calil	bration			
Item id: Stratum id: Material type: Original declared mass: Measurement option:	BT8 201907 XXXX Pu 0.000 Verification			Results	•	Singl Doubl Tripl Scaler	es: es:	652. 024 + 1. 774 + 0. 000 + 47. 650 +	⊢ 0. 236 ⊢ 0. 000
Data source: QC tests: Error calculation:	Review disk file On Sample method			Passive	e cycle raw d	Scaler ata	2:	0.000 +	⊢ 0.000
Accidentals method: Inspector name: Passive comment:	Measured			Cycle 1 2	Singles 39665 39781	R+A 1751 1798	A 1653 1665	Scaler1 2927 2939	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.07.04 0.0000 +- 19.07.04	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	3 4 5 6 7 8 9	39751 39757 39707 39295 39847 39609 39434 39754 39461	1816 1780 1756 1792 1720 1722 1758 1746	1658 1667 1610 1683 1724 1639 1650 1622	2858 2976 2895 2926 2839 2882 3020 2896	O Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 1720 50. 0000 0. 0080 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000			Cycle 1 2 3 4 5 6 7 8 9	Singles 652, 934 654, 867 651, 034 653, 634 646, 767 655, 967 652, 000 649, 084 654, 417 649, 534	Double 1. 62 2. 21 2. 62 1. 87 2. 42 1. 81 -0. 07 1. 37 2. 06	8 1 8 8 8 1 2 8 4	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant:	1.0000 +- 0.0000)							
Passive singles bkgrnd: Passive doubles bkgrnd:	8. 150 + 0. 000 0. 006 + 0. 000								
	(1)							(2)	

```
0. 000 +-
0. 947
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                    Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                        0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                     Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                                       Number passive cycles:
                                                                                                                                                                                                                                                                                                   Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                  Passive error messages
                                                              19. 07. 04 10:07:21
974K0721. VER
                                                                                                                                                                                                                                                                                  No known alpha calibration
             Results
                                                              BT9 201907
                                                             BT9 201907
XXXX
Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                               Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                        1262, 400 +-
                                                                                                                                                                                                                                                                                                                                                                                                                             1, 277
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                                                                                                                                                                                                           5. 881 +-
0. 000 +-
32. 611 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                             0. 661
0. 000
0. 294
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                  Passive cycle raw data
                                                                                                                                                                                                                                                                                                     Singles
76231
                                                                                                                                                                                                                                                                                                                                      R+A
6650
6462
6610
                                                                                                                                                                                                                                                                                                                                                                                       Scaler 1
2100
1992
1972
                                                                                                                                                                                                                                                                                                                                                                                                                 Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                   Cycle
                                                                                                                                                                                                                                                                                                                                                                  A
6103
6059
6074
                                                                                                                                                                                                                                                                                                           76212
                         Isotopics id: Default
                                                                                                                                                                                                                                                                                                           76389
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                  6318
6301
6177
6299
6244
                                                                                                                                                                                                                                                                                                                                                                                              2088
1969
1932
1998
1999
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                           76415
76235
76124
76591
                                                                                                                                                                                                                                                                                                                                       6495
6659
6524
6512
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                               0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                         0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
                                                                                                                                                                                                                                                                                        8
9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                           76430
                                                                                                                                                                                                                                                                                                                                        6486
                                           Pu242:
                                                                                                                                                                                                                                                                                                           75838
75865
                                                                                                                                                                                                                                                                                                                                        6508
                                                                                                                                                                                                                                                                                                                                                                   6103
6197
                                                                                                                                                                                                                                                                                                                                                                                             2011
2074
                                     Pu242:
Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                         0. 0000 +-
19. 07. 04
                                                                                                0.0000
                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                  Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                               Doubles

9. 111

6. 711

8. 928

2. 944

5. 961

5. 778

3. 544
                                                                                                                                                                                                                                                                                                                                                                                Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                           Singles
1262.367
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                  Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                        Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                           1262. 050
1265. 000
1265. 434
1262. 434
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                         6
                                                                                                                                                                                                                                                                                                           1260. 584
1268. 367
                                                                                                                                                                                                                                                                                                           1265. 684
1255. 817
1256. 267
                                                                                                                                                                                                                                                                                                                                                    4. 028
6. 744
5. 061
                                                                        1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        8. 150 +-
0. 006 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                             (2)
```

	201907_AFAS-B Top Fork_Position10.txt	201907_AFAS-B Top Fork_Position10.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.947 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:		Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:	19. 07. 04 10 : 23 : 26 974K2326. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file	Singles: 1246. 214 ← 0.922 Doubles: 5.868 ← 0.661 Triples: 0.000 ← 0.000 Scaler 1: 36.933 ← 0.236 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method: Inspector name: Passive comment:	Sample method Measured	Passive cycle raw data Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 75174 6301 6001 2277 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241:	CO 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000	2 75408 6390 6049 2268 0 Pass 3 74909 6363 5967 2338 0 Pass 4 75348 6496 6044 2213 0 Pass 5 75241 6385 5940 2330 0 Pass 6 75534 6425 5947 2210 0 Pass 7 75249 6498 6049 2298 0 Pass 8 75093 6464 6099 2302 0 Pass 9 75362 6348 6271 2248 0 Pass 10 75300 6278 6057 2244 0 Pass Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient G deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0080 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 1244,750 4,994 0.000 0.000 Pass 2 1248,650 5,678 0.000 0.000 Pass 3 1240,334 6,594 0.000 0.000 Pass 4 1247,650 7,528 0.000 0.000 Pass 5 1245,867 7,411 0.000 0.000 Pass 6 1250,750 7,961 0.000 0.000 Pass 7 1246,000 7,478 0.000 0.000 Pass 8 1243,400 6,078 0.000 0.000 Pass 9 1247,884 1.278 0.000 0.000 Pass 10 1246,850 3,678 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd: Passive doubles bkgrnd:	1.0000 +- 0.0000 8.150 +- 0.000 0.006 +- 0.000	

1187, 185 +-

4. 641 +-0. 000 +-56. 407 +-0. 000 +-

Scaler1 3509

3559 3510

3424

3299 3391

Triples

0.000

0. 000 0. 000 0. 000 0. 000

0.000

0. 000 0. 000 0. 000 0. 000

(2)

5635

1, 499

0. 429 0. 000 0. 397 0. 000

Scaler2 QC Tests 0 Pass 0 Pass 0 Pass

0.000

0. 000 0. 000 0. 000 0. 000 Pass Pass Pass Pass

0.000 Pass

0.000 Pass

0. 000 0. 000 0. 000 0. 000 Pass Pass

Pass Pass Pass Pass

Pass Pass Pass

Mass QC Tests 0.000 Pass

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                 0.000 +-
                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
   Facility:
Material balance area:
Detector type:
Detector id:
                                                                                                                                                                                                                          Passive scaler2 bkgrnd
                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                            Number passive cycles
                                                                                                                                                                                                                                     Count time (sec)
                Electronics id:
                                                 JSR-12
   Inventory change code:

1/0 code:

Measurement date:
Results file name:
                                                                                                                                                                                                                        Passive error messages
                                                19. 07. 04 13:18:55
974N1855. VER
                                                                                                                                                                                                                        No known alpha calibration
                                                                                                                                                                                                                        Results
           Inspection number
                                                PB1 201907
                     Item id:
Stratum id:
                                                XXXX
                                                                                                                                                                                                                                                                          Singles:
                                                Pu
0.000
Verification
Review disk file
 Material type:
Original declared mass:
Measurement option:
Data source:
                                                                                                                                                                                                                                                                        Doubles:
Triples:
Scaler 1:
Scaler 2:
                           QC tests:
                                                 0n
         Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                Sample method
Measured
                                                                                                                                                                                                                        Passive cycle raw data
                                                                                                                                                                                                                                       Singles
71395
                                                                                                                                                                                                                        Cycle
                                                                                                                                                                                                                                            71544
71896
                                                                                                                                                                                                                                                                  5668
5832
                    Isotopics id:
                                                Default
   Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                0. 0000 +-
0. 0000 +-
100. 0000 +-
                                                                                                                                                                                                                                                                  5791
5788
5812
5831
                                                                                                                                                                                                                                            72368
                                                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                           0.0000
0.0000
0.0000
                                                                                                                          0.0000
0.0000
0.0000
                                                                                                                                                                                                                                            72042
71913
71776
                                  Pu241:
                                                     0.0000 +-
0.0000 +-
                                                                            0.0000
                                                                                                                          0.0000
0.0000
                                                                                                                                                                                                                             8
                                                                                                                                                                                                                                            71884
                                                                                                                                                                                                                                                                  5861
                                                                            0.0000
                                  Pu242:
                                                                                                                                                                                                                                            72058
71592
                                                                                                                                                                                                                                                                  5788
5785
                             Pu date:
Am241:
Am date:
                                                00. 01. 01
0. 0000
00. 01. 01
                                                                                                                                                                                                                            10
                                                                                               0.0000 +-
19.07.04
                                                                            0.0000
                                                                                                                          0.0000
                                                                                                                                                                                                                        Passive cycle rate data
                                                      1.50
64.00
                                                                                                                                                                                                                                            Singles
1179.655
                           Predelay:
                                                                                                                                                                                                                        Cvcle
                                                                                                                                                                                                                                                                        Doubles |
              Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                            5. 131
                                                   64. 00
1720
50. 0000
0. 0127
                                                                                                                                                                                                                                            1182. 138
1188. 005
1195. 871
1190. 438
                                                                                                                                                                                                                                                                           3. 648
6. 148
3. 948
2. 598
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                        0.0000
                                                                                                                                                                                                                              6
                                                                                                                                                                                                                                            1188, 288
                                                                                                                                                                                                                                                                            6. 048
5. 364
                                                         0.0000
                                                                                                                                                                                                                                            1186 005
                                                        0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                            1187. 805
1190. 705
1182. 938
                                                                                                                                                                                                                                                                            5. 664
2. 548
5. 314
 Normalization constant:
                                                        1.0000 +-
                                                                                  0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                       10. 262 +-
0. 002 +-
                                                                                   (1)
```

		2010	007 AFAS_E	Bottom Fork	Position	+v+
Passive	e triples bks		0. 000 +-		(_1 031 1 10112	
	e scaler1 bkg		1. 144	0.000		
Passive	e scaler2 bkg	grnd:	0.000			
Number	r passive cyc	les:	10			
(Count time (sec):	60			
Passive	error messag	ges				
No known	n alpha calib	ration				
Results						
		Sin	gles:	1455. 696	+- 1.4	14
			bles:	7. 259		
			ples: er 1:	0.000 49.716		
			er 2:	0.000		
Passive	cycle raw da	nta				
Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1 2	87826 88243	8715 8747	8195	3050	0	Pass Pass
3	88243 87494	8747 8587	8154 8321	3075 3059	0	Pass Pass
4	87899	8663	8314	3024	0	Pass
5	87890	8881	8174	3053	Õ	Pass
6	87783	8590	8288	3084	0	Pass
7	87754	8713	8132	2977	0	Pass
8	88214	8638				
			8202	3069	0	Pass
9	88107 88365	8659 8685	8420	3069 3050	0	Pass Pass Pass
9 10	88107	8659 8685		3069	Ö	Pass
9 10 Passive	88107 88365 cycle rate o	8659 8685 data	8420 8321	3069 3050 3075	0	Pass Pass
9 10 Passive	88107 88365	8659 8685 data Doub	8420 8321	3069 3050	Ö	Pass Pass QC Tests
9 10 Passive Cycle 1 2	88107 88365 cycle rate of Singles 1453.505 1460.455	8659 8685 data Doub 8.	8420 8321	3069 3050 3075 Triples	0 0 Mass	Pass Pass QC Tests Pass
9 10 Passive Cycle 1 2 3	88107 88365 cycle rate of Singles 1453, 505 1460, 455 1447, 971	8659 8685 data Doub 8. 9. 4.	8420 8321 les 664 881 431	3069 3050 3075 Triples 0.000 0.000 0.000	Mass 0.000 0.000 0.000	Pass Pass QC Tests Pass Pass Pass
9 10 Passive Cycle 1 2 3 4	88107 88365 cycle rate of Singles 1453.505 1460.455 1447.971 1454.721	8659 8685 data Doub 8. 9. 4. 5.	8420 8321 les 664 881 431 814	3069 3050 3075 Triples 0.000 0.000 0.000 0.000	Mass 0. 000 0. 000 0. 000 0. 000	Pass Pass Pass QC Tests Pass Pass Pass Pass
9 10 Passive Cycle 1 2 3 4 5	88107 88365 cycle rate of Singles 1453, 505 1460, 455 1447, 971 1454, 721 1454, 571	8659 8685 data Doub 8. 9. 4. 5.	8420 8321 les 664 881 431 814 781	3069 3050 3075 Triples 0.000 0.000 0.000 0.000 0.000	Mass 0. 000 0. 0	Pass Pass Pass Pass Pass Pass Pass Pass
9 10 Passive Cycle 1 2 3 4 5 6	88107 88365 cycle rate of Singles 1453.505 1460.455 1447.971 1454.721 1454.571 1452.788	8659 8685 data Doub 8. 9. 4. 5. 11.	8420 8321 les 664 881 431 814 781 031	3069 3050 3075 Triples 0.000 0.000 0.000 0.000 0.000 0.000	Mass 0.000 0.000 0.000 0.000 0.000 0.000	Pass Pass Pass Pass Pass Pass Pass Pass
9 10 Passive Cycle 1 2 3 4 5 6 7	88107 88365 cycle rate of Singles 1453.505 1460.455 1447.971 1454.721 1454.571 1452.788 1452.305	8659 8685 data Doub 8. 9. 4. 5. 11. 5. 9.	8420 8321 les 664 881 431 814 781 031 681	3069 3050 3075 Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000	Pass Pass Pass Pass Pass Pass Pass Pass
9 10 Passive Cycle 1 2 3 4 5 6	88107 88365 cycle rate of Singles 1453.505 1460.455 1447.971 1454.721 1454.571 1452.788	8659 8685 Hata Doub 8. 9. 4. 5. 11. 5. 9. 7.	8420 8321 les 664 881 431 814 781 031	3069 3050 3075 Triples 0.000 0.000 0.000 0.000 0.000 0.000	Mass 0.000 0.000 0.000 0.000 0.000 0.000	Pass Pass Pass Pass Pass Pass Pass Pass

(2)

10. 262 +-0. 002 +-

0. 000 0. 000 (1)

Passive singles bkgrnd: Passive doubles bkgrnd:

201907_AFAS-P Bottom Fork_Position2.txt

201907_AFAS-P Bottom Fork_Position3.txt

```
0.000 +-
1.144
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                       Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                             0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                        Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                                          Number passive cycles:
                                                                                                                                                                                                                                                                                                       Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                     Passive error messages
                                                              19. 07. 04 13:53:05
974N5305. VER
                                                                                                                                                                                                                                                                                     No known alpha calibration
             Results
                                                              PB3 201907
                                                              PB3 201907
XXXX
Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                   Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                              782.125 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                  0.725
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                                                                                                                                                                                                                2. 043 +-
0. 000 +-
63. 379 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                  0. 238
0. 000
0. 325
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                     Passive cycle raw data
                                                                                                                                                                                                                                                                                                        Singles
47587
47665
47824
                                                                                                                                                                                                                                                                                                                                          R+A
2457
2585
2530
                                                                                                                                                                                                                                                                                                                                                                                            Scaler 1
3897
3896
3826
                                                                                                                                                                                                                                                                                                                                                                                                                      Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                      Cycle
                                                                                                                                                                                                                                                                                                                                                                      A
2421
2461
2395
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                           2500
2559
2526
2461
2571
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                      2296
2447
2396
2338
                                                                                                                                                                                                                                                                                                                                                                                                 3948
3824
3929
3890
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                               47564
                                                                                                                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                               47479
47567
47393
                                                                                                                                                                                                                                                                                                              47546
47340
47467
                                                                                                                                                                                                                                                                                                                                                                      2496
2295
2376
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
                                                                                                                                                                                                                                                                                           8
9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                                                                                                                   3834
                                           Pu242:
                                                                                                                                                                                                                                                                                                                                            2458
2501
                                                                                                                                                                                                                                                                                                                                                                                                   3748
3922
                                      Pu242:
Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                          0. 0000 +-
19. 07. 04
                                                                                                 0.0000
                                                                                                                                                             0.0000
                                                                                                                                                                                                                                                                                     Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                     Triples
0.000
0.000
0.000
0.000
0.000
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                Singles
782.855
                                                                                                                                                                                                                                                                                     Cvcle
                                                                                                                                                                                                                                                                                                                                                   Doubles |
                                                                                                                                                                                                                                                                                                                                                                                                                             Mass QC Tests
0.000 Pass
                                                                 64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                                                       0. 598
2. 064
2. 248
3. 398
1. 864
2. 164
2. 048
1. 248
2. 714
2. 081
                                                                                                                                                                                                                                                                                                                 784. 155
786. 805
782. 471
781. 055
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                             6
7
                                                                                                                                                                                                                                                                                                                 782. 521
779. 621
                                                                                                                                                                                                                                                                                                                 782. 171
778. 738
780. 855
                                                                         1.0000 +-
                                                                                                         0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       10. 262 +-
0. 002 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                 (2)
```

201907_AFAS-P Bottom Fork_Position4.txt	2	201907_AFAS-P B	ottom Fork_Po	sition4.tx
	Passive triples bkgrnd:	0.000 +-	0.000	

	201907_AFAS-P Bottom Fork_Position4.txt			201907_AFAS-P Bottom Fork_Position4.txt						
INCC 5.1.2 Facility:					Passi	ve triples bk ve scaler1 bk ve scaler2 bk	grnd:	0. 000 +- 1. 144 0. 000	0.000	
Material balance area: Detector type: Detector id:	JM2G JSR_03 JSR_03				Numb	er passive cy Count time (10 60		
Electronics id: Inventory change code: I/O code:	JSR-12				Passiv	e error messa	ges			
Measurement date: Results file name:	19. 07. 04 14:12:09 97401209. VER					wn alpha cali	bration			
Inspection number: Item id:					Result	S				
Stratum id: Material type: Original declared mass:	Pu						Doub	gles: oles: oles:	1657. 993 11. 164 0. 000	+− 0.868
Measurement option: Data source:	Verification Review disk file						Scale Scale	r 1:	274. 469 0. 000	+- 0. 569
QC tests: Error calculation: Accidentals method:	On Sample method Measured				Passiv	e cycle raw d	ata			
Inspector name: Passive comment:					Cycle 1 2	Singles 100401 100266	R+A 11336 11432	A 10514 10748	Scaler1 16564 16760	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239:	Default CO 0.0000 +- 0.0000 0.0000 +- 0.0000	0.0000 +- 0.0000 +-	0. 0000 0. 0000		3 4 5 6	100016 100158 100228 100301	11191 11298 11411 11356	10884 10755 10624 10743	16519 16384 16565 16466	0 Pass 0 Pass 0 Pass 0 Pass
Pu240 : Pu241 : Pu242 :	100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000	100.0000 +- 0.0000 +- 0.0000 +-	0. 0000 0. 0000 0. 0000		7 8 9	100050 100111 99848	11436 11298 11253	10569 10708 10513	16490 16493 16662	0 Pass 0 Pass 0 Pass
Pu date: Am241: Am date:	00. 01. 01 0. 0000 +- 0. 0000 00. 01. 01	19. 07. 04 0. 0000 +- 19. 07. 04	0.0000		10 Passiv	99574 e cycle rate	11203 data	10456	16465	0 Pass
						,				
Predelay: Gate length: 2nd gate length: High voltage:	1.50 64.00 64.00 1720 50.0000				Cycle 1 2 3 4	Singles 1663, 088 1660, 838 1656, 671	Doub I 13. 6 11. 3 5. 1 9. 0	698 898 14	Triples 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass
Die away time: Efficiency: Multiplicity deadtime:	0. 0127 0. 0000				5	1659. 038 1660. 205 1661. 421	13. 1 10. 2	14 214	0. 000 0. 000	0.000 Pass 0.000 Pass
Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime:	0. 0000 0. 0000 0. 0000				7 8 9	1657. 238 1658. 255 1653. 871	14. 4 9. 8 12. 3	331 331	0. 000 0. 000 0. 000	0.000 Pass 0.000 Pass 0.000 Pass
Doubles gate fraction: Triples gate fraction:	0. 0001 0. 0001				10	1649. 305	12. 4	148	0. 000	0. 000 Pass
Normalization constant:	1.0000 +- 0.00									
Passive singles bkgrnd: Passive doubles bkgrnd:	10. 262 +- 0. 00 0. 002 +- 0. 00									

```
0.000 +-
1.144
INCC 5. 1. 2
                                                                                                                                                                                                                                                                             Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                               0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                              Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                Number passive cycles:
                                                                                                                                                                                                                                                                                            Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                           Passive error messages
                                                            19. 07. 04 14:28:14
97402814. VER
                                                                                                                                                                                                                                                                           No known alpha calibration
             Results
                                                            PB5 201907
                                                                                                                                                                                                                                                                                                                                      Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                               1482, 638 +-
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                   1, 226
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                8. 851 +-
0. 000 +-
147. 972 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 390
0. 000
0. 315
0. 000
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                           Passive cycle raw data
                                                                                                                                                                                                                                                                                              Singles
89783
89698
89768
                                                                                                                                                                                                                                                                                                                              R+A
9063
9061
9008
                                                                                                                                                                                                                                                                                                                                                                              Scaler1
8865
8920
                                                                                                                                                                                                                                                                                                                                                                                                       Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                            Cycle
                                                                                                                                                                                                                                                                                                                                                          A
8432
8569
8586
                         Isotopics id: Default
                                                                                                                                                                                                                                                                                                                                                                                    8999
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                          8517
8528
8428
8217
8541
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                   89812
89389
89422
89078
                                                                                                                                                                                                                                                                                                                               9092
8999
9066
8815
                                                                                                                                                                                                                                                                                                                                                                                    8960
8829
8997
8946
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                     0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                      0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                    89709
                                          Pu241:
                                                                                                                                                                                                                                                                                  8
                                                                                                                                                                                                                                                                                                                                9034
                                                                                                                                                                                                                                                                                                                                                                                    8964
                                          Pu242:
                                                                                                                                                                                                                                                                                                    89611
                                                                                                                                                                                                                                                                                                                                9015
8948
                                                                                                                                                                                                                                                                                                                                                           8504
8467
                                                                                                                                                                                                                                                                                                                                                                                     9010
8980
                                    Pu242:
Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                                 10
                                                                                                                                                                                                                                                                                                    89470
                                                                                                                      0.0000 +-
19.07.04
                                                                                              0.0000
                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                           Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                        Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                      Doubles
10. 514
8. 198
7. 031
9. 581
7. 848
                                                                                                                                                                                                                                                                                                    Singles
1486, 121
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                           Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                              Mass QC Tests
0.000 Pass
                                                               64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                    1484. 705
1485. 871
1486. 605
1479. 555
                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                         10. 631
9. 964
8. 214
8. 514
8. 014
                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                  6
7
                                                                                                                                                                                                                                                                                                    1480. 105
1474. 371
                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
                                                                                                                                                                                                                                                                                                    1484. 888
1483. 255
1480. 905
                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
 Normalization constant:
                                                                                                      0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     10. 262 +-
0. 002 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                    (2)
```

	201907_AFAS-P Bottom Fork_Position6.txt			2019	07_AFAS-P	Bottom Fork	_Position6.txt
INCC 5. 1. 2		Passi	ve triples bk ve scaler1 bk	grnd:	0. 000 +- 1. 144	0.000	
Facility: Material balance area: Detector type:	JM0X JM2G JSR_03		ve scaler2 bk er passive cy	-	0. 000		
Detector id: Electronics id: Inventory change code:	JSR_03 JSR-12	Passiv	Count time (60		
I/O code: Measurement date: Results file name:	19. 07. 04 09:15:07 974J1507. VER		wn alpha cali	-			
Inspection number: Item id: Stratum id:	PB6 201907 XXXX	Result	s	e:	gles:	2009.066 +	⊢ 1.122
Material type: Original declared mass: Measurement option: Data source:	AAAA Pu 0.000 Verification Review disk file			Doul Trij	bles: ples: er 1:	16. 889 + 0. 000 + 73. 377 + 0. 000 +	← 0.811 ← 0.000 ← 0.477
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passiv	e cycle raw d	ata			
Inspector name: Passive comment:		Cycle 1 2	Singles 120845 121368	R+A 16550 16718	A 15526 15616	Scaler1 4502 4395	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu229: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.01.01 19.07.04 0.0000 ← 0.0000 ← 0.0000 0.01.01 19.07.04	3 4 5 6 7 8 9	121276 121074 121007 120897 121339 121504 121166 121121 e cycle rate	16692 16573 16403 16596 16475 16700 16573 16575	15598 15514 15619 15513 15780 15530 15577 15447	4457 4586 4462 4524 4289 4578 4514 4406	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Predelay: Gate length: 2nd gate length: High voltage Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Doubles gate fraction: Normalization constant:	1.50 64.00 1720 50,0000 0.0127 0.0000 0.0000 0.0000 0.0000 0.0000 0.00001 1.0000 ← 0.0000	Cycle 1 2 3 4 5 6 7 8 9	Singles 2003. 821 2012. 538 2011. 005 2007. 638 2006. 521 2004. 688 2012. 055 2014. 805 2009. 171 2008. 421	Doub 17. 18. 18. 18. 17. 13. 18. 11. 11. 11. 11. 11. 11. 11. 11. 11	064 364 231 648 064 048 581 498	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	10.262 +- 0.000 0.002 +- 0.000						

```
201907_AFAS-P Bottom Fork_Position7.txt
```

Passive singles bkgrnd: Passive doubles bkgrnd: 10. 262 +-0. 002 +- 0. 000 0. 000 (1)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                      Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                        0. 000 +-
1. 144
                                                                                                                                                                                                                                                                                                                                                                     0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                         Number passive cycles:
                                                                                                                                                                                                                                                                                    Count time (sec)
                                                          JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                    Passive error messages
                                                          19. 07. 04 09:32:12
974J3212. VER
                                                                                                                                                                                                                                                                    No known alpha calibration
             Results
                                                          PB7 201907
                                                                                                                                                                                                                                                                                                                             Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                          XXXX
                                                                                                                                                                                                                                                                                                                                                                   5153, 613 +-
                                                                                                                                                                                                                                                                                                                                                                                                        3, 451
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                     103. 471 +-
0. 000 +-
117. 009 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                        1. 819
0. 000
0. 409
                                                                                                                                                                                                                                                                                                                                                                                                        0.000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          On
Sample method
Measured
                                                                                                                                                                                                                                                                    Passive cycle raw data
                                                                                                                                                                                                                                                                                                                   R+A
109452
107624
109423
                                                                                                                                                                                                                                                                                                                                                                    Scaler 1
7116
7132
7159
                                                                                                                                                                                                                                                                                                                                                                                             Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                             A
103131
                                                                                                                                                                                                                                                                                         308676
311143
                                                                                                                                                                                                                                                                                                                                             100997
103367
                       Isotopics id: Default
                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                   108551
108365
109257
108747
107942
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                         309700
309609
309988
310056
                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                             102385
                                                                                                                                                                                                                                                                                                                                                                           7029
6896
7123
7090
7091
7158
7098
                                                                                                                                                                                                                                                                                                                                                                                                          0
0
0
0
0
0
                                                                                           0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                   0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                 0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                             102642
102521
102980
                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
                                         Pu241:
                                                                                                                                                                                                                                                                                         309247
                                                                                                                                                                                                                                                                                                                                             102017
                                         Pu242:
                                                                                                                                                                                                                                                                                        309622
309938
                                                                                                                                                                                                                                                                                                                   108146
                                                                                                                                                                                                                                                                                                                                             101836
                                  Pu date:
Am241:
Am date:
                                                          00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                         10
                                                                                                                                                                                                                                                                                                                                             102795
                                                                                                                                                                                                                                                                                                                   109248
                                                                                                                   0. 0000 +-
19. 07. 04
                                                                                           0.0000
                                                                                                                                                   0.0000
                                                                                                                                                                                                                                                                    Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                              Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                           Singles
5162.171
                                                                 1.50
64.00
                                                                                                                                                                                                                                                                    Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                   Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                              Doubles
105.348
                                                             64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                             105. 348
110. 448
100. 931
102. 764
95. 381
112. 264
96. 114
98. 748
105. 164
107. 548
                                                                                                                                                                                                                                                                                           5134. 338
5175. 455
5151. 405
5149. 888
                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                           6
7
                                                                                                                                                                                                                                                                                            5156. 205
5157. 338
                                                                                                                                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                                           5143. 855
5150. 105
5155. 371
                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                    1.0000 +-
 Normalization constant:
                                                                                                  0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                   10. 262 +-
0. 002 +-
                                                                                                    (1)
                                                                                                                                                                                                                                                                                                                                                                         (2)
```

	201907_AFAS-P Bottom Fork_Position8.txt			201907_AFAS-	P Bottom Fork_	Position8.txt
INCC 5. 1. 2		Passiv	e triples bkg	grnd: 0.000 +	0.000	
F	HOV		e scaler1 bkg			
Facility: Material balance area:	JMOX JM2G	Passiv	e scaler2 bkg	grnd: 0. 000		
Detector type:	JSR_03		r passive cyc			
Detector id:	JSR_03		Count time (s	sec): 60		
Electronics id: Inventory change code:	JSR-12	Passive	error messas	zes.		
I/O code:		. 400110		500		
Measurement date:	19.07.04 09:51:17	No know	m alpha calib	oration		
Results file name: Inspection number:	974J5117. VER	Results				
Item id:	PB8 201907	110001.20				
Stratum id:	XXXX			Singles:	44852.978 +-	
Material type: Original declared mass:	Pu 0. 000			Doubles: Triples:	7629. 114 +- 0. 000 +-	
Measurement option:	Verification			Scaler 1:	363. 922 +-	
Data source:	Review disk file			Scaler 2:	0.000 +-	0.000
QC tests: Error calculation:	On Sample method	Passive	cycle raw da	a+a		
Accidentals method:	Measured	1 4351 VC	Oyolo law us	ıca		
Inspector name:		Cycle	Singles	R+A A		Scaler2 QC Tests
Passive comment:		1		3178765 7717572	21841 21894	0 Pass 0 Pass
Isotopics id:	Default	2 3		3187058 7725562 3179540 7723640	21894	0 Pass 0 Pass
Isotopics source code:	CO	4		3195591 7742436	21931	0 Pass
Pu238:	0.0000 +- 0.0000 0.0000 +- 0.0000	5		3182483 7724695	21949	0 Pass
Pu239: Pu240:	0.0000 +- 0.0000	6 7		3178807 7721356 3197839 7744992	22009 21995	0 Pass 0 Pass
Pu241:	0.0000 +- 0.0000	8		3211666 7752770	21818	0 Pass
Pu242:	0.0000 +- 0.0000 0.0000 +- 0.0000	9	2689992 8	3171378 7713508	21873	0 Pass
Pu date:	00. 01. 01 19. 07. 04	10	2690855	3184578 7723704	22015	0 Pass
Am241: Am date:	0.0000 +- 0.0000 0.0000 +- 0.0000 00.01.01 19.07.04	Passive	cvcle rate o	Hata		
Aut date.	10. 07. 04	1 400170	ojoio raco c	autu		
Predelay:	1.50	Cycle	Singles	Doubles	Triples	Mass QC Tests
Gate length: 2nd gate length:	64. 00 64. 00	1 2	44827. 138 44849. 488	7686. 548 7691. 598	0. 000 0. 000	0.000 Pass 0.000 Pass
High voltage:	1720	3	44836, 671	7598, 331	0.000	0.000 Pass
Die away time:	50. 0000	4	44883. 788	7552. 581	0.000	0.000 Pass
Efficiency:	0. 0127	5	44832. 771	7629. 798	0. 000	0.000 Pass
Multiplicity deadtime: Coefficient A deadtime:	0. 0000 0. 0000	6 7	44832. 621 44900. 121	7624. 181 7547. 448	0. 000 0. 000	0. 000 Pass 0. 000 Pass
Coefficient B deadtime:	0. 0000	, 8	44906. 921	7648. 264	0. 000	0.000 Pass
Coefficient C deadtime:	0. 0000	9	44822. 938	7631. 164	0.000	0.000 Pass
Doubles gate fraction: Triples gate fraction:	0. 0001 0. 0001	10	44837. 321	7681. 231	0.000	0.000 Pass
in thies gate it doction.	V. 000 I					
Normalization constant:	1.0000 +- 0.0000					

```
0.000 +-
1.144
INCC 5. 1. 2
                                                                                                                                                                                                                                                                        Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                        0.000
   Facility: JMOX
Material balance area: JM26
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                         Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                           Number passive cycles:
                                                                                                                                                                                                                                                                                       Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                      Passive error messages
                                                           19. 07. 04 10:07:21
974K0721. VER
                                                                                                                                                                                                                                                                      No known alpha calibration
             Results
                                                           PB9 201907
                                                                                                                                                                                                                                                                                                                                Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                       8570, 140 +-
                                                           XXXX
                                                                                                                                                                                                                                                                                                                                                                                                           3, 524
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                       282. 039 +-
0. 000 +-
1215. 764 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                           5. 443
0. 000
2. 125
                                                                                                                                                                                                                                                                                                                                                                                                           0.000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                      Passive cycle raw data
                                                                                                                                                                                                                                                                                        Singles
515451
515272
515166
                                                                                                                                                                                                                                                                                                                     R+A
299576
300578
300192
                                                                                                                                                                                                                                                                                                                                                                       Scaler 1
72884
72890
73056
                                                                                                                                                                                                                                                                                                                                                                                               Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                       Cycle
                                                                                                                                                                                                                                                                                                                                              A
284209
282862
283942
                        Isotopics id: Default
                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                           514471
514591
515056
513538
                                                                                                                                                                                                                                                                                                                     300284
299229
300203
298496
                                                                                                                                                                                                                                                                                                                                                                           73464
73054
72523
73561
                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                               281150
                                                                                                                                                                                                                                                                                                                                                                                                             0
0
0
0
0
0
                                                                                           0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                    0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                   0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                              282095
283473
281181
                                                                                                                                                                                                                                                                                          514317
514518
515861
                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
                                                                                                                                                                                                                                                                           8
9
10
                                                                                                                                                                                                                                                                                                                     298240
                                         Pu241:
                                                                                                                                                                                                                                                                                                                                              281589
                                                                                                                                                                                                                                                                                                                                                                           72800
                                         Pu242:
                                                                                                                                                                                                                                                                                                                     299651
299730
                                                                                                                                                                                                                                                                                                                                              282698
283755
                                                                                                                                                                                                                                                                                                                                                                           73519
72394
                                   Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                    0. 0000 +-
19. 07. 04
                                                                                            0.0000
                                                                                                                                                    0.0000
                                                                                                                                                                                                                                                                      Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                             Singles
8580. 588
                                                                  1.50
64.00
                                                                                                                                                                                                                                                                      Cvcle
                                                                                                                                                                                                                                                                                                                                Doubles
256. 114
                                                                                                                                                                                                                                                                                                                                                                                                      Mass QC Tests
0.000 Pass
                                                              64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                             8577. 605
8575. 838
8564. 255
8566. 255
                                                                                                                                                                                                                                                                                                                                 295. 264
270. 831
318. 898
285. 564
                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                             6
7
                                                                                                                                                                                                                                                                                              8574. 005
8548. 705
                                                                                                                                                                                                                                                                                                                                 278. 831
                                                                                                                                                                                                                                                                                                                                                                                                      0.000
                                                                                                                                                                                                                                                                                                                                288. 581
277. 514
282. 548
266. 248
                                                                                                                                                                                                                                                                                             8561. 688
8565. 038
8587. 421
                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                     1.0000 +-
 Normalization constant:
                                                                                                   0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                   10. 262 +-
0. 002 +-
                                                                                                     (1)
                                                                                                                                                                                                                                                                                                                                                                            (2)
```

	201907_AFAS-P Bottom Fork_Position10. txt	201907_AFAS-P Bottom Fork_Position10.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 1.144 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JSR_03 JSR_03	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:	50N 12	Passive error messages
Measurement date: Results file name:		No known alpha calibration
Inspection number: Item id:	PB10 201907	Results
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	Pu 0.000 Verification Review disk file	Singles: 3627.881 ← 2.000 Doubles: 50.448 ← 1.431 Triples: 0.000 ← 0.000 Scaler 1: 2764.084 ← 1.623 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method:		Passive cycle raw data
Inspector name: Passive comment:	weasured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 219185 54252 51490 165854 0 Pass 2 218309 53721 50616 165927 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3 218204 53580 50688 165339 0 Pass 4 217860 53850 50359 165879 0 Pass 5 218078 53535 50862 166209 0 Pass 6 217895 53570 50693 166148 0 Pass 7 218344 53721 50869 166035 0 Pass 8 218539 54137 51045 166390 0 Pass 9 218111 53387 50296 165569 0 Pass 10 218361 53802 50367 165787 0 Pass
	00. 01. 01 19. 07. 04	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0127 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	Cycle Singles Doubles Triples Mass 0.0 Tests 1 3642.821 46.031 0.000 0.000 Pass 2 3628.221 51.748 0.000 0.000 Pass 3 3626.471 48.198 0.000 0.000 9.000 Pass 4 3620.738 58.181 0.000 0.000 Pass 5 3624.371 44.548 0.000 0.000 Pass 6 3621.321 47.948 0.000 0.000 Pass 7 3628.805 47.531 0.000 0.000 Pass 8 3632.055 51.531 0.000 0.000 Pass 9 3624.921 51.514 0.000 0.000 Pass 10 3629.088 57.248 0.000 0.000 Pass
Normalization constant:	1. 0000 +- 0. 0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	10. 262 +- 0. 000 0. 002 +- 0. 000	
	(1)	(2)

```
0.000 +-
1.144
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                      Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                           0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                      Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                                                         Number passive cycles:
                                                                                                                                                                                                                                                                                                     Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                    Passive error messages
                                                              19. 07. 04 13:18:55
974N1855. VER
                                                                                                                                                                                                                                                                                    No known alpha calibration
             Results
                                                              PC1 201907
XXXX
                                                                                                                                                                                                                                                                                                                                                 Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                         1187, 309 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                1.500
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                              4. 643 +-
0. 000 +-
56. 407 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                0. 429
0. 000
0. 397
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                    Passive cycle raw data
                                                                                                                                                                                                                                                                                                      Singles
71395
71544
71896
                                                                                                                                                                                                                                                                                                                                        R+A
5744
5668
5832
                                                                                                                                                                                                                                                                                                                                                                                         Scaler1
3509
3559
3510
                                                                                                                                                                                                                                                                                                                                                                                                                   Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                    Cycle
                                                                                                                                                                                                                                                                                                                                                                    A
5436
5449
5463
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                         5791
5788
5812
5831
5861
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                             72368
72042
71913
71776
                                                                                                                                                                                                                                                                                                                                                                                               3435
3518
3457
3429
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                    5554
5632
5449
5509
5521
5635
5466
                                                                                                                                                                                                                                                                                                                                                                                                                                  0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                          0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
                                                                                                                                                                                                                                                                                         8
9
10
                                                                                                                                                                                                                                                                                                             71884
                                           Pu241:
                                                                                                                                                                                                                                                                                                                                                                                                3424
                                           Pu242:
                                                                                                                                                                                                                                                                                                             72058
71592
                                                                                                                                                                                                                                                                                                                                          5788
5785
                                                                                                                                                                                                                                                                                                                                                                                                 3299
3391
                                     Pu242:
Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                          0. 0000 +-
19. 07. 04
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                    Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                   Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                 Doubles
5. 133
3. 649
6. 150
3. 949
2. 599
                                                                                                                                                                                                                                                                                                             Singles
1179.777
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                                          Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                    Cvcle
                                                                 64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                             1182. 261
1188. 129
1195. 997
1190. 563
                                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                     6. 050
5. 367
5. 667
2. 549
5. 317
                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                           6
7
                                                                                                                                                                                                                                                                                                             1188, 412
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
                                                                                                                                                                                                                                                                                                             1186 128
                                                                                                                                                                                                                                                                                                             1187. 929
1190. 829
1183. 061
                                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                        1.0000 +-
                                                                                                        0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       10. 262 +-
0. 002 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                               (2)
```

	201907_AFAS-P Collar_Position2.txt		201907_AFAS	S-P Collar_Position2.txt
INCC 5. 1. 2		Passive triples bkg Passive scaler1 bkg		0. 000
Facility: Material balance area:	JMOX JM2G	Passive scaler2 bkg		
Detector type: Detector id:	JSR_03 JSR_03	Number passive cyc Count time (so		
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error message	es	
Measurement date: Results file name:	19. 07. 04 13:35:00 974N3500. VER	No known alpha calib	ration	
Inspection number: Item id:	PC2 201907	Results		
Stratum id: Material type: Original declared mass: Measurement option:	XXXX Pu 0.000 Verification		Singles: Doubles: Triples: Scaler 1:	1455. 882 +- 1. 414 7. 263 +- 0. 833 0. 000 +- 0. 000 49. 716 +- 0. 165
Data source: QC tests: Error calculation: Accidentals method:	Review disk file On Sample method Measured	Passive cycle raw da	Scaler 2: ta	0.000 +- 0.000
Inspector name: Passive comment:		Cycle Singles 1 87826 2 88243	R+A A 8715 8195 8747 8154	Scaler1 Scaler2 QC Tests 3050 0 Pass 3075 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3 87494 4 87899 5 87890 6 87783	8587 8321 8663 8314 8881 8174 8590 8288	3059 0 Pass 3024 0 Pass 3053 0 Pass 3084 0 Pass
Pu240: Pu241: Pu242: Pu date:	100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 19.07.04	7 87754 8 88214 9 88107 10 88365	8713 8132 8638 8202 8659 8420 8685 8321	2977 0 Pass 3069 0 Pass 3050 0 Pass 3075 0 Pass
Am241: Am date:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Passive cycle rate da		00.0
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime:	1.50 64.00 64.00 1720 50.0000 0.1620 86.5000 0.3458	Cycle Singles 1 1453.690 2 1460.642 3 1448.155 4 1454.907 5 1452.973 7 1452.490	Doubles 8. 669 9. 886 4. 433 5. 817 11. 787 5. 034 9. 686	Triples Mass QC Tests 0.000 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 0.000
Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0. 0299 0. 0000 0. 0001 0. 0001	8 1460, 158 9 1458, 374 10 1462, 676	7. 268 3. 983 6. 067	0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000			
Passive singles bkgrnd: Passive doubles bkgrnd:	10. 262 +- 0. 000 0. 002 +- 0. 000			

```
0.000 +-
1.144
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                       Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                            0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                                         Number passive cycles:
                                                                                                                                                                                                                                                                                                      Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                    Passive error messages
                                                              19. 07. 04 13:53:05
974N5305. VER
                                                                                                                                                                                                                                                                                    No known alpha calibration
             Results
                                                              PC3 201907
XXXX
                                                                                                                                                                                                                                                                                                                                                  Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                            782.179 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                 0.725
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                               2. 043 +-
0. 000 +-
63. 379 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 238
0. 000
0. 325
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                    Passive cycle raw data
                                                                                                                                                                                                                                                                                                       Singles
47587
47665
47824
                                                                                                                                                                                                                                                                                                                                         R+A
2457
2585
2530
                                                                                                                                                                                                                                                                                                                                                                                          Scaler 1
3897
3896
3826
                                                                                                                                                                                                                                                                                                                                                                                                                     Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                                                     A
2421
2461
2395
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                          2500
2559
2526
2461
2571
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                     2296
2447
2396
2338
                                                                                                                                                                                                                                                                                                                                                                                                 3948
3824
3929
3890
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                              47564
                                                                                                                                                                                                                                                                                                                                                                                                                                   0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                              47479
47567
47393
                                                                                                                                                                                                                                                                                                             47546
47340
47467
                                                                                                                                                                                                                                                                                                                                                                     2496
2295
2376
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                           Pu241:
                                                                                                                                                                                                                                                                                            8
                                                                                                                                                                                                                                                                                                                                                                                                  3834
                                           Pu242:
                                                                                                                                                                                                                                                                                                                                           2458
2501
                                                                                                                                                                                                                                                                                                                                                                                                  3748
3922
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                                          10
                                                                                                                          0. 0000 +-
19. 07. 04
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                    Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                    Triples
0.000
0.000
0.000
0.000
0.000
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                               Singles
782.909
                                                                                                                                                                                                                                                                                    Cvcle
                                                                                                                                                                                                                                                                                                                                                  Doubles |
                                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                      0. 598
2. 065
2. 248
3. 399
1. 865
2. 165
2. 048
1. 248
2. 715
2. 082
                                                                 64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                784. 209
786. 860
782. 526
781. 109
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                            6
7
                                                                                                                                                                                                                                                                                                                782. 576
779. 675
                                                                                                                                                                                                                                                                                                                782. 226
778. 792
780. 909
                                                                        1.0000 +-
 Normalization constant:
                                                                                                        0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       10. 262 +-
0. 002 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                (2)
```

	201907_AFAS-P Collar_Position4.txt			201907_AFAS	-P Collar_Po	osition4.txt
INCC 5. 1. 2	No.	Passive triple	1 bkgrnd:	0.000 +- 1.144	0.000	
Facility: Material balance area: Detector type: Detector id:	JMOX JM2G JSR_03 JSR 03	Passive scaler:	Ü	0. 000 10 60		
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error m				
Measurement date: Results file name: Inspection number:	19. 07. 04 14:12:09 97401209. VER	No known alpha o	calibration			
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	PC4 201907 XXXX Pu 0.000 Verification Review disk file		Do Tr Sca	ngles: ubles: iples: ler 1: ler 2:	1658. 234 + 11. 171 + 0. 000 + 274. 469 + 0. 000 +	- 0. 869 - 0. 000 - 0. 569
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle ra	aw data			
Inspector name: Passive comment:		Cycle Singles 1 100401 2 100266	R+A 11336 11432	A 10514 10748	Scaler1 16564 16760	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date: Am date:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01.01 19.07.04 0.0000 0.01.01 19.07.04 0.0000	3 100016 4 100158 5 100228 6 100301 7 100050 8 100111 9 99848 10 99574	11191 11298 11411 11356 11436 11298 11253 11203	10884 10755 10624 10743 10569 10708 10513 10456	16519 16384 16565 16466 16490 16493 16662 16465	O Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.1620 86.5000 0.3458 0.0299 0.0000 0.0001	Cycle Sing 1 1663. 2 1661. 3 1656. 4 1659. 5 1660. 7 1657. 8 1658. 9 1654. 10 1649.	les Dou 330 13 5779 11 912 5 279 9 446 13 663 10 478 14 495 9	bles . 706 . 404 . 117 . 053 . 122 . 220 . 456 . 837 . 338	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant: Passive singles bkgrnd: Passive doubles bkgrnd:	1.0000 \(\dots \) 0.0000 10.262 \(\dots \) 0.000 0.002 \(\dots \) 0.000					

```
201907_AFAS-P Collar_Position5.txt
                                                                                                                                                                                                                                                                                                                           201907_AFAS-P Collar_Position5.txt
                                                                                                                                                                                                                                                                                                                              0.000 +-
1.144
INCC 5. 1. 2
                                                                                                                                                                                                                                                              Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                          0.000
   Facility: JMOX
Material balance area: JM26
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                              Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                Number passive cycles:
                                                                                                                                                                                                                                                                            Count time (sec)
   Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                            Passive error messages
                                                         19. 07. 04 14:28:14
97402814. VER
                                                                                                                                                                                                                                                            No known alpha calibration
            Results
                                                         PC5 201907
XXXX
                                                                                                                                                                                                                                                                                                                   Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                         1482, 831 +-
                                                                                                                                                                                                                                                                                                                                                                                            1, 226
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                        Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                          8. 856 +-
0. 000 +-
147. 972 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                            0. 390
0. 000
0. 315
0. 000
         QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                         On
Sample method
Measured
                                                                                                                                                                                                                                                            Passive cycle raw data
                                                                                                                                                                                                                                                                                                           R+A
9063
9061
9008
                                                                                                                                                                                                                                                                                                                                                        Scaler1
8865
8920
                                                                                                                                                                                                                                                                                                                                                                                Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                            Cycle
                                                                                                                                                                                                                                                                                                                                     A
8432
8569
8586
                                                                                                                                                                                                                                                                                   89698
89768
                       Isotopics id: Default
                                                                                                                                                                                                                                                                                                                                                              8999
                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                     8517
8528
8428
8217
8541
   Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                             9092
8999
9066
8815
                                                                                                                                                                                                                                                                                                                                                              8960
8829
8997
8946
                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                   89812
                                                                                                                                                                                                                                                                                                                                                                                              0
0
0
0
0
0
                                                                                        0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                             0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                  89389
89422
89078
                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
                                                                                                                                                                                                                                                                                   89709
                                       Pu241:
                                                                                                                                                                                                                                                                  8
                                                                                                                                                                                                                                                                                                             9034
                                                                                                                                                                                                                                                                                                                                                              8964
                                       Pu242:
                                                                                                                                                                                                                                                                                   89611
                                                                                                                                                                                                                                                                                                             9015
8948
                                                                                                                                                                                                                                                                                                                                       8504
8467
                                                                                                                                                                                                                                                                                                                                                               9010
8980
                                  Pu242:
Pu date:
Am241:
Am date:
                                                         00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                 10
                                                                                                                                                                                                                                                                                   89470
                                                                                                               0. 0000 +-
19. 07. 04
                                                                                        0.0000
                                                                                                                                              0.0000
                                                                                                                                                                                                                                                            Passive cycle rate data
                Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                   Triples
0.000
0.000
0.000
0.000
0.000
                                                               1.50
64.00
                                                                                                                                                                                                                                                                                   Singles
1486.315
                                                                                                                                                                                                                                                                                                                   Doubles
10. 520
                                                                                                                                                                                                                                                            Cvcle
                                                                                                                                                                                                                                                                                                                                                                                       Mass QC Tests
0.000 Pass
                                                           64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                   1484. 898
1486. 065
1486. 798
1479. 747
                                                                                                                                                                                                                                                                                                                       8. 202
7. 035
9. 586
7. 852
                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                      10. 636
9. 969
8. 219
8. 519
8. 018
                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                  6
                                                                                                                                                                                                                                                                                   1480. 297
1474. 562
                                                                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                                   1485. 081
1483. 448
1481. 097
                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                  1.0000 +-
                                                                                               0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                 10. 262 +-
0. 002 +-
                                                                                                 (1)
                                                                                                                                                                                                                                                                                                                                                              (2)
```

	201907_AFAS-P Collar_Position6.txt			20	1907_AFAS	S-P Collar_Po	osition6.txt
INCC 5.1.2	JMOX	Passiv	/e triples bkg /e scaler1 bkg /e scaler2 bkg	grnd:	0.000 +- 1.144 0.000	0.000	
Material balance area: Detector type: Detector id:	JMCA JMCA JSR 03	Numbe	er passive cyc	eles:	10 60		
Electronics id: Inventory change code: I/O code:			e error messag				
Measurement date: Results file name: Inspection number:	974J1507. VER	No know Results	vn alpha calib s	oration			
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: OC tests:	PCG 201907 XXXXX Pu 0.000 Verification Review disk file On			Sing Doub Trip Scale Scale	les: les: r 1:	2009. 419 - 16. 901 - 0. 000 - 73. 377 - 0. 000 -	→ 0.812→ 0.000→ 0.477
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw data					
Inspector name: Passive comment:		Cycle 1 2	Singles 120845 121368	R+A 16550 16718	A 15526 15616	Scaler1 4502 4395	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default 00 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 00.01.01 19.07.04 0.0000 0.0000 +- 0.0000 00.01.01 19.07.04 0.0000	3 4 5 6 7 8 9 10	121276 121074 121007 120897 121339 121504 121166 121121	16692 16573 16403 16596 16475 16700 16573 16575	15598 15514 15619 15513 15780 15530 15577 15447	4457 4586 4462 4524 4289 4578 4514 4406	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction:	1.50 64.00 64.00 1720 50.0000 0.1620 86.5000 0.3458 0.0299 0.0000 0.0001	Cycle 1 2 3 4 5 6 7 8 9	Singles 2004. 172 2012. 892 2011. 358 2007. 990 2006. 873 2005. 039 2012. 408 2015. 159 2009. 524 2008. 774	Doub I 17. 0 18. 3 18. 2 17. 6 13. 0 18. 0 11. 5 19. 5 16. 6	76 77 44 60 73 60 89 11	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant:	1.0000 +- 0.0000						

Passive singles bkgrnd: Passive doubles bkgrnd: 10. 262 +-0. 002 +- 0. 000 0. 000 (1)

```
0.000 +-
1.144
INCC 5. 1. 2
                                                                                                                                                                                                                                                                      Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                     0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                         Number passive cycles:
                                                                                                                                                                                                                                                                                    Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                    Passive error messages
                                                          19. 07. 04 09:32:12
974J3212. VER
                                                                                                                                                                                                                                                                    No known alpha calibration
             Results
                                                          PC7 201907
XXXX
                                                                                                                                                                                                                                                                                                                              Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                   5155, 920 +-
                                                                                                                                                                                                                                                                                                                                                                                                        3, 454
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                     103. 656 +-
0. 000 +-
117. 009 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                        1. 822
0. 000
0. 409
                                                                                                                                                                                                                                                                                                                                                                                                        0.000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          On
Sample method
Measured
                                                                                                                                                                                                                                                                    Passive cycle raw data
                                                                                                                                                                                                                                                                                                                   R+A
109452
107624
109423
                                                                                                                                                                                                                                                                                                                                                                    Scaler 1
7116
7132
7159
                                                                                                                                                                                                                                                                                                                                                                                             Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                             A
103131
                                                                                                                                                                                                                                                                                         308676
311143
                                                                                                                                                                                                                                                                                                                                             100997
103367
                       Isotopics id: Default
                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                   108551
108365
109257
108747
107942
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                         309700
309609
309988
310056
                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                             102385
                                                                                                                                                                                                                                                                                                                                                                           7029
6896
7123
7090
7091
7158
7098
                                                                                                                                                                                                                                                                                                                                                                                                          0
0
0
0
0
0
                                                                                           0.0000
0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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102521
102980
                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
                                         Pu241:
                                                                                                                                                                                                                                                                                         309247
                                                                                                                                                                                                                                                                                                                                             102017
                                         Pu242:
                                                                                                                                                                                                                                                                                         309622
309938
                                                                                                                                                                                                                                                                                                                   108146
                                                                                                                                                                                                                                                                                                                                             101836
                                  Pu date:
Am241:
Am date:
                                                          00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                         10
                                                                                                                                                                                                                                                                                                                                             102795
                                                                                                                                                                                                                                                                                                                   109248
                                                                                                                   0. 0000 +-
19. 07. 04
                                                                                           0.0000
                                                                                                                                                   0.0000
                                                                                                                                                                                                                                                                    Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                              Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                           Singles
5164, 486
                                                                 1.50
64.00
                                                                                                                                                                                                                                                                    Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                    Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                              Doubles
105. 536
                                                             64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                              105. 536
110. 644
101. 112
102. 948
95. 551
112. 465
                                                                                                                                                                                                                                                                                           5136. 628
5177. 781
5153. 709
5152. 191
                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                           6
7
                                                                                                                                                                                                                                                                                            5158, 514
                                                                                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                                                              96. 286
98. 924
105. 352
107. 740
                                                                                                                                                                                                                                                                                            5159 648
                                                                                                                                                                                                                                                                                           5146. 153
5152. 408
5157. 680
                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                    1.0000 +-
 Normalization constant:
                                                                                                  0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                   10. 262 +-
0. 002 +-
                                                                                                    (1)
                                                                                                                                                                                                                                                                                                                                                                         (2)
```

	201907_AFAS-P Collar_Position8.txt	201907_AFAS-P Collar_Position8.txt					
INCC 5. 1. 2		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 1.144					
Facility: Material balance area:	JMOX JM2G	Passive scaler2 bkgrnd: 0.000					
Detector type: Detector id:	JSR_03 JSR_03	Number passive cycles: 10 Count time (sec): 60					
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages					
Measurement date: Results file name:	19.07.04 09:51:17 974J5117. VER	No known alpha calibration					
Inspection number: Item id:	PC8 201907	Results					
Stratum id: Material type: Original declared mass:	XXXX Pu 0. 000	Singles: 45027.992 + 10.077 Doubles: 7748.859 + 16.500 Triples: 0.000 + 0.000					
Measurement option: Data source: QC tests:	Verification Review disk file On	Scaler 1: 363.922 +- 0.505 Scaler 2: 0.000 +- 0.000					
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw data					
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 2690244 8178765 7717572 21841 0 Pass 2 2691585 8187058 7725562 21894 0 Pass					
Isotopics id: Isotopics source code: Pu238:	Default CO 0.0000 +- 0.0000 0.0000 +- 0.0000	3 2690816 8179540 7723640 21715 0 Pass 4 2693643 8195591 7742436 21931 0 Pass					
Pu239: Pu240:	0.0000 ÷ 0.0000 0.0000 ÷ 0.0000 100.0000 ÷ 0.0000 100.0000 ÷ 0.0000	5 2690582 8182483 7724695 21949 0 Pass 6 2690573 8178807 7721356 22009 0 Pass 7 2694623 8197839 7744992 21995 0 Pass					
Pu241: Pu242:	0.0000 \(\dots \) 0.0000	8 2695031 8211666 7752770 21818 0 Pass 9 2689992 8171378 7713508 21873 0 Pass					
Pu date: Am241: Am date:	00.01.01 19.07.04 0.0000 + 0.0000 + 0.0000 + 0.0000 0.01.01 19.07.04	10 2690855 8184578 7723704 22015 0 Pass Passive cycle rate data					
Predelay: Gate length: 2nd gate length: High voltage: Die away time:	1.50 64.00 64.00 1720 50.0000	Cycle Singles Doubles Triples Mass QC Tests 1 45001.950 7807.124 0.000 0.000 Pass 2 45024.475 7812.314 0.000 0.000 Pass 3 45011.558 7717.549 0.000 0.000 Pass 4 45059.043 7671.207 0.000 0.000 Pass 5 45007.678 7749.499 0.000 0.000 2000					
Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime:	0. 1620 86. 5000 0. 3458 0. 0299 0. 0000	5 45007.628 7749.499 0.000 0.000 Pass 6 45007.476 7743.794 0.000 0.000 Pass 7 45075.505 7666.037 0.000 0.000 Pass 8 45082.358 7768.456 0.000 0.000 Pass 9 44997.717 7750.860 0.000 0.000 Pass					
Doubles gate fraction: Triples gate fraction:	0.0001 0.0001	10 45012.213 7801.751 0.000 0.000 Pass					
Normalization constant:	1. 0000 +- 0. 0000						
Passive singles bkgrnd: Passive doubles bkgrnd:	10. 262 +- 0. 000 0. 002 +- 0. 000						

```
0.000 +-
1.144
INCC 5. 1. 2
                                                                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                           0.000
   Facility: JMOX
Material balance area: JM26
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                           Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                             Number passive cycles:
                                                                                                                                                                                                                                                                                        Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                        Passive error messages
                                                           19. 07. 04 10:07:21
974K0721. VER
                                                                                                                                                                                                                                                                        No known alpha calibration
             Results
                                                           PC9 201907
                                                                                                                                                                                                                                                                                                                                  Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                           XXXX
                                                                                                                                                                                                                                                                                                                                                                         8576, 512 +-
                                                                                                                                                                                                                                                                                                                                                                                                              3, 529
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                         282. 878 +-
0. 000 +-
1215. 764 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                              5. 459
0. 000
2. 125
                                                                                                                                                                                                                                                                                                                                                                                                              0.000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                        Passive cycle raw data
                                                                                                                                                                                                                                                                                          Singles
515451
515272
515166
                                                                                                                                                                                                                                                                                                                       R+A
299576
300578
300192
                                                                                                                                                                                                                                                                                                                                                                         Scaler 1
72884
72890
73056
                                                                                                                                                                                                                                                                                                                                                                                                  Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                        Cycle
                                                                                                                                                                                                                                                                                                                                                 A
284209
282862
283942
                        Isotopics id: Default
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                       300192
300284
299229
300203
298496
298240
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                             514471
514591
515056
513538
                                                                                                                                                                                                                                                                                                                                                                             73464
73054
72523
73561
                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                 281150
                                                                                                                                                                                                                                                                                                                                                                                                                0
0
0
0
0
0
                                                                                            0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                    0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                    0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                 282095
283473
281181
                                                                                                                                                                                                                                                                                            514317
514518
515861
                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
                                         Pu241:
                                                                                                                                                                                                                                                                              8
                                                                                                                                                                                                                                                                                                                                                 281589
                                                                                                                                                                                                                                                                                                                                                                             72800
                                         Pu242:
                                                                                                                                                                                                                                                                                                                       299651
299730
                                                                                                                                                                                                                                                                                                                                                 282698
283755
                                                                                                                                                                                                                                                                                                                                                                             73519
72394
                                   Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                             10
                                                                                                                    0. 0000 +-
19. 07. 04
                                                                                             0.0000
                                                                                                                                                     0.0000
                                                                                                                                                                                                                                                                        Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                   Triples
0.000
0.000
0.000
0.000
0.000
                                                                  1.50
64.00
                                                                                                                                                                                                                                                                                               Singles
8586.975
                                                                                                                                                                                                                                                                        Cvcle
                                                                                                                                                                                                                                                                                                                                   Doubles
256.877
                                                                                                                                                                                                                                                                                                                                                                                                         Mass QC Tests
0.000 Pass
                                                              64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                               8583. 988
8582. 218
8570. 618
8572. 621
                                                                                                                                                                                                                                                                                                                                   296. 143
271. 637
319. 845
286. 413
                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                               6
7
                                                                                                                                                                                                                                                                                                8580. 382
8555. 045
                                                                                                                                                                                                                                                                                                                                   279. 661
289. 437
                                                                                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                                               8568. 047
8571. 402
8593. 819
                                                                                                                                                                                                                                                                                                                                  278. 339
283. 387
267. 041
                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                     1.0000 +-
 Normalization constant:
                                                                                                    0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                    10. 262 +-
0. 002 +-
                                                                                                      (1)
                                                                                                                                                                                                                                                                                                                                                                               (2)
```

	201907_AFAS-P Collar_Position10.txt	201907_AFAS-P Collar_Position10.txt			
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler! bkgrnd: 1.144 Passive scaler2 bkgrnd: 0.000			
Material balance area: Detector type: Detector id: Electronics id:	JM26 JSR_03 JSR_03 JSR-12	Number passive cycles: 10 Count time (sec): 60			
Inventory change code: I/O code:	50K 12	Passive error messages			
Measurement date: Results file name:	19. 07. 04 10:23:25 974K2325. VER	No known alpha calibration			
Inspection number: Item id:	PC10 201907	Results			
Stratum id: Material type: Original declared mass: Measurement option: Data source: OC tests: Error calculation: Accidentals method:	XXXX Pu 0.000 Verification Review disk file On Sample method Measured	Singles: 3629.026 ← 2.002 Doubles: 50.511 ← 1.432 Triples: 0.000 ← 0.000 Scaler 1: 2764.084 ← 1.623 Scaler 2: 0.000 ← 0.000			
		Passive cycle raw data			
Inspector name: Passive comment:	measureu	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 219185 54252 51490 165854 O Pass 2 218309 53721 50616 165927 O Pass			
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.010 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 0.01.01 19.07.04 0.0000	3 218204 53580 50688 165339 0 Pass 4 217860 53850 50359 165879 0 Pass 5 218078 53335 50862 166209 0 Pass 6 217895 53570 50693 166148 0 Pass 7 218344 53721 50869 166035 0 Pass 8 218539 54137 51045 166390 0 Pass 9 218111 53387 50296 165569 0 Pass 10 218361 53802 50367 165787 0 Pass			
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1620 86. 5000 0. 3458 0. 0299 0. 0000 0. 0001	Cycle Singles Doubles Triples Mass QC Tests 1 3643.976 46.089 0.000 0.000 Pass 2 3629.366 51.813 0.000 0.000 Pass 3 3627.615 48.258 0.000 0.000 Pass 4 3621.878 58.254 0.000 0.000 Pass 5 3625.514 44.604 0.000 0.000 Pass 6 3622.462 48.008 0.000 0.000 Pass 7 3629.950 47.591 0.000 0.000 Pass 8 3632.202 51.596 0.000 0.000 Pass 9 3626.064 51.579 0.000 0.000 Pass 10 3630.234 57.320 0.000 0.000 Pass			
Normalization constant:	1. 0000 +- 0. 0000				
Passive singles bkgrnd: Passive doubles bkgrnd:	10. 262 +- 0. 000 0. 002 +- 0. 000				
	(1)	(2)			

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                0.000 +-
1.518
                                                                                                                                                                                                                                                                                                                                                                             0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                             Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                               Number passive cycles:
                                                                                                                                                                                                                                                                                           Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                          Passive error messages
                                                            19. 07. 04 13:18:52
974N1852. VER
                                                                                                                                                                                                                                                                          No known alpha calibration
             Results
                                                            PT1 201907
                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                44.162 +-
                                                                                                                                                                                                                                                                                                                                                                                                                 0.267
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                              -0.005 +-
0.000 +-
109.145 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                 0. 020
0. 000
0. 444
0. 000
                                                            Sample method
Measured
                                                                                                                                                                                                                                                                          Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                     Singles
2716
                                                                                                                                                                                                                                                                                                                                                                            Scaler 1
6696
6749
6623
                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                                                    2
8
11
                                                                                                                                                                                                                                                                                                     2681
2653
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                   6677
6572
6572
6686
6466
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                     2630
                                                                                                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                     0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                    2699
2748
2694
                                                                                                                                                                                                                                                                                                                                    10
3
4
10
9
                                                                                                                                                                                                                                                                                                                                                              10
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                                                                                                                                                                                                                                                                8
9
10
                                          Pu241:
                                                                                                                                                                                                                                                                                                     2806
                                          Pu242:
                                                                                                                                                                                                                                                                                                    2659
2706
                                                                                                                                                                                                                                                                                                                                                                                   6714
6643
                                    Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                     0. 0000 +-
19. 07. 04
                                                                                             0.0000
                                                                                                                                                      0.0000
                                                                                                                                                                                                                                                                          Passive cycle rate data
                                                             1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                      Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                     Doubles
-0. 033
0. 017
0. 083
-0. 017
-0. 050
                                                                                                                                                                                                                                                                                                    Singles
44, 442
                                                                                                                                                                                                                                                                          Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                             Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                       43. 858
43. 392
43. 008
44. 158
44. 975
44. 075
45. 942
43. 492
44. 275
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                        0. 050
-0. 117
-0. 067
0. 050
0. 033
                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                 6
7
                                                                      1.0000 +-
 Normalization constant:
                                                                                                     0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.825 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                  (2)
```

	201907_AFAS-P Top For	k_Position2.tx					2019	07_AFAS	-P Top Fork_	Position2.txt
INCC 5.1.2 Facility:	JMOX				Passi	ve triples bk ve scaler1 bk ve scaler2 bk	grnd: 1	. 000 +- . 518 . 000	0.000	
Material balance area: Detector type:	JM2G JSR_02					er passive cy	cles:	10		
Detector id: Electronics id: Inventory change code:	JSR_02 JSR-12				Passiv	Count time (e error messa		60		
I/O code: Measurement date: Results file name:	19. 07. 04 13:34:57 974N3457. VER				No kno	wn alpha cali	bration			
Inspection number:	974N3457. VER PT2 201907				Result	s				
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file On						Singl Doubl Tripl Scaler Scaler	es: es: 1:	67. 165 0. 017 0. 000 187. 185 0. 000	← 0.031 ← 0.000 ← 0.570
Error calculation: Accidentals method:	Sample method Measured				Passiv	e cycle raw d	lata			
Inspector name: Passive comment:					Cycle 1 2	Singles 4061 4017	R+A 21 23	A 24 23	Scaler1 11468 11382	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu229: Pu240: Pu241: Pu242: Pu date: Am date:	Default CO	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.07.04 0.0000 +- 19.07.04	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000		3 4 5 6 7 8 9	4017 4051 4101 4091 4079 4149 4090 4068 4087 e cycle rate	21 21 15 23 24 21 15	23 23 15 21 11 25 14 12 20	11382 11380 11268 11175 11360 11372 11221 11434 11162	O Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001 0. 0001				Cycle 1 2 3 4 5 6 7 8 9 10	Singles 66. 858 66. 125 66. 692 67. 525 67. 358 67. 158 68. 325 67. 342 66. 975 67. 292	Doub l e -0. 05 0. 00 -0. 03 0. 10 -0. 11 0. 22 -0. 01 0. 11 0. 05 -0. 16	0 0 3 0 0 0 7 7	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 +- 0.000 0.825 +- 0.000									
Passive doubles bkgrnd:	0.000 +- 0.000									
	(1)								(2)	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                             0.000 +-
1.518
                                                                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                                       Passive triples bkgrnd:
Passive scaler1 bkgrnd:
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                                          Number passive cycles:
                                                                                                                                                                                                                                                                                                      Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                    Passive error messages
                                                              19.07.04 13:53:01
974N5301.VER
                                                                                                                                                                                                                                                                                    No known alpha calibration
             Results
                                                              PT3 201907
                                                                                                                                                                                                                                                                                                                                                  Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                            254.065 +--
                                                                                                                                                                                                                                                                                                                                                                                                                                 0.576
                                                              XXXX
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                              0. 375 +-
0. 000 +-
59. 673 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 124
0. 000
0. 287
0. 000
                                                              Sample method
Measured
                                                                                                                                                                                                                                                                                    Passive cycle raw data
                                                                                                                                                                                                                                                                                                       Singles
15288
                                                                                                                                                                                                                                                                                                                                        R+A
277
247
270
269
254
288
280
248
249
277
                                                                                                                                                                                                                                                                                                                                                                                           Scaler1
3692
3648
3694
                                                                                                                                                                                                                                                                                                                                                                                                                     Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                                                                     A 249 256 227 219 248 234 242 252 229 278
                                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                              15251
15337
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                                3766
3732
3688
3644
3577
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                              15326
15141
15481
15247
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                                   0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                              15196
15212
15455
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                                                                                                                                                                                                                                                                          8
9
10
                                           Pu241:
                                           Pu242:
                                                                                                                                                                                                                                                                                                                                                                                                  3624
3650
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                          0. 0000 +-
19. 07. 04
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                    Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                    Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                  Doubles
0. 467
-0. 150
0. 717
0. 833
0. 100
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                               Singles
253.975
                                                                                                                                                                                                                                                                                    Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
0.000 Pass
                                                                 64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                               253. 358
254. 792
254. 608
251. 525
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                     0. 900
0. 633
-0. 067
0. 333
-0. 017
                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
0. 000
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0. 000
0. 000
0. 000
0. 000
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Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                            6
7
                                                                                                                                                                                                                                                                                                                257, 192
                                                                                                                                                                                                                                                                                                               253. 292
252. 442
252. 708
256. 758
                                                                        1.0000 +-
 Normalization constant:
                                                                                                        0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.825 +-
0.000 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                (2)
```

	201907_AFAS-P Top Fork_Position4.txt	201907_AFAS-P Top Fork_Position4.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 1.518 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JM26 JSR_02 JSR_02 JSR-12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:	30K 12	Passive error messages
Measurement date: Results file name: Inspection number:	19.07.04 14:12:06 97401206. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source OC tests:	PT4 201907 XXXX Pu 0.000 Verification Review disk file On	Singles: 983.370 ← 1.063 Doubles: 2.868 ← 0.360 Triples: 0.000 ← 0.000 Scaler 1: 48.223 ← 0.266 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	medsul eu	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 59067 3902 3797 2954 0 Pass 2 58740 3796 3634 3056 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01.01 19.07.04 0.0000 ← 0.0000 ← 0.0000 0.01.01 19.07.04	3 58925 3859 3768 3023 0 Pass 4 59123 3902 3651 2921 0 Pass 5 58878 3855 3771 2953 0 Pass 6 59408 3910 3684 2955 0 Pass 7 59149 3931 3655 2950 0 Pass 8 58846 3869 3703 2961 0 Pass 9 59176 3917 3775 3001 0 Pass 10 59205 3957 3739 3071 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001	Cycle Singles Doubles Triples Mass QC Tests 1 983,625 1,750 0,000 0,000 Pass 2 978,175 2,700 0,000 0,000 Pass 3 981,258 1,517 0,000 0,000 Pass 4 984,558 4,183 0,000 0,000 0,000 Pass 5 980,475 1,400 0,000 0,000 Pass 6 989,308 3,767 0,000 0,000 Pass 7 984,992 4,600 0,000 0,000 Pass 8 979,942 2,767 0,000 0,000 Pass 9 985,442 2,367 0,000 0,000 Pass 10 985,925 3,633 0,000 0,000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.825 +- 0.000 0.000 +- 0.000	
	(1)	(2)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                                   0.000 +-
1.518
                                                                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
   Facility: JMOX
Material balance area: JM2G
Detector type: JSR_02
Detector id: JSR_02
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                            Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                              Number passive cycles:
                                                                                                                                                                                                                                                                                                           Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                         Passive error messages
                                                               19. 07. 04 14:28:10
97402810. VER
                                                                                                                                                                                                                                                                                         No known alpha calibration
              Results
                                                               PT5 201907
                                                                                                                                                                                                                                                                                                                                                       Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                2995, 808 +-
                                                               XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                        2.890
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                               Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                     33. 628 +-
0. 000 +-
51. 607 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                        1. 387
0. 000
0. 216
0. 000
                                                               Sample method
Measured
                                                                                                                                                                                                                                                                                         Passive cycle raw data
                                                                                                                                                                                                                                                                                                             Singles
180015
179981
                                                                                                                                                                                                                                                                                                                                              R+A
36589
36636
36902
                                                                                                                                                                                                                                                                                                                                                                                                 Scaler 1
3244
3153
3155
                                                                                                                                                                                                                                                                                                                                                                                                                            Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                          Cycle
                                                                                                                                                                                                                                                                                                                                                                         A
34556
34465
34802
34707
33977
34509
33911
34568
34134
34101
                         Isotopics id: Default
                                                                                                                                                                                                                                                                                                                 180929
                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                              36420
36275
36652
36284
36077
                                                                                                                                                                                                                                                                                                                                                                                                       3192
3163
3187
3194
3192
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                179977
179148
180191
179749
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
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0
0
0
0
0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
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                                            Pu241:
                                            Pu242:
                                                                                                                                                                                                                                                                                                                179260
179177
                                                                                                                                                                                                                                                                                                                                               36069
36003
                                                                                                                                                                                                                                                                                                                                                                                                        3264
3131
                                     Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                                               10
                                                                                                                            0. 0000 +-
19. 07. 04
                                                                                                   0.0000
                                                                                                                                                               0.0000
                                                                                                                                                                                                                                                                                         Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                          Triples
0.000
0.000
0.000
0.000
0.000
                                                                       1.50
64.00
                                                                                                                                                                                                                                                                                                                  Singles
2999, 425
                                                                                                                                                                                                                                                                                                                                                       Doubles
33, 883
                                                                                                                                                                                                                                                                                         Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                                   Mass QC Tests
0.000 Pass
                                                                  64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                   2998. 858
3014. 658
2998. 792
2984. 975
                                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                          36. 183
35. 000
28. 550
38. 300
35. 717
39. 550
25. 150
32. 250
31. 700
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
0. 000
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0. 000
0. 000
0. 000
0. 000
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Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                 6
7
                                                                                                                                                                                                                                                                                                                   3002. 358
2994. 992
                                                                                                                                                                                                                                                                                                                  2994, 992
2991, 725
2986, 842
2985, 458
                                                                          1.0000 +-
 Normalization constant:
                                                                                                          0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                          0.825 +-
0.000 +-
                                                                                                            (1)
                                                                                                                                                                                                                                                                                                                                                                                                       (2)
```

	201907 AFAS-P To	p Fork_Position6.txt				20190	/ AFAS-P To	n Fork P	osition6.txt	
INCC 5. 1. 2	201907_ALAG 1 10	p rork_rosterono. Ext			ve triples bk ve scaler1 bk	grnd: 0.0	- 000 ↔	0.000	381110110. EXT	
Facility: Material balance area: Detector type:	JMOX JM2G JSR_02				ve scaler2 bk er passive cy		10			
Detector id: Electronics id: Inventory change code:	JSR_02 JSR-12			Passiv	Count time (•	60			
I/O code: Measurement date: Results file name:	19. 07. 04 09:14:59 974J1459. VER	9		No know	wn alpha cali	bration				
Inspection number: Item id: Stratum id:	PT6 201907 XXXX			Result	S	Single	ş:	37. 950 +	- 0. 290	
Material type: Original declared mass: Measurement option: Data source: QC tests:	Pu 0.000 Verification Review disk file On					Doubles Triples Scaler Scaler 2	s: s: : 25	-0.008 + 0.000 + 74.600 + 0.000 +	- 0. 018 - 0. 000 - 1. 355	
Error calculation: Accidentals method:	Sample method Measured				e cycle raw d					
Inspector name: Passive comment:				Cycle 1 2	Singles 2343 2327	R+A 6 6	8 1	aler1 54090 54627	Scaler2 QC Test 0 Pass 0 Pass	s
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO	000 0.0000 +- 000 100.0000 +- 000 0.0000 +- 000 0.0000 +- 19.07.04	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	3 4 5 6 7 8 9	2282 2261 2418 2336 2326 2414 2277 2281	3 5 9 4 10 7	6 1 3 1 7 1 7 1 7 1 7 1 1 1	54968 54799 54478 54790 54529 54529 54307 54439 54644	O Pass	
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001 0. 0001			Cycle 1 2 3 4 5 6 7 8 9 10	Singles 38. 225 37. 958 37. 208 36. 858 39. 475 38. 108 37. 942 39. 408 37. 125 37. 192	Doubles -0. 033 -0. 100 -0. 050 0. 000 -0. 033 0. 033 -0. 050 0. 050 0. 100 0. 000	0. 0. 0. 0. 0. 0.	les 0000 0000 0000 0000 0000 0000 0000 0	Mass QC Tes 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass	ts
Normalization constant: Passive singles bkgrnd:	0.825 +- 0	0. 0000 0. 000								
Passive doubles bkgrnd:		0. 000						(2)		

```
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                  0.000 +-
1.518
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                                                                0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                            Number passive cycles:
                                                                                                                                                                                                                                                                                                         Count time (sec)
                                                               JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                       Passive error messages
                                                               19. 07. 04 09:32:03
974J3203. VER
                                                                                                                                                                                                                                                                                       No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                       Results
                                                               PT7 201907
                                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                   34, 545 +-
                                                               XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                     0.210
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                0.000 +-
0.000 +-
881.883 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                     0. 012
0. 000
1. 119
                                                                                                                                                                                                                                                                                                                                                                                                                                     0.000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                       Passive cycle raw data
                                                                                                                                                                                                                                                                                                          Singles
2094
2045
2126
                                                                                                                                                                                                                                                                                                                                                                                              Scaler1
53239
52699
53113
                                                                                                                                                                                                                                                                                                                                                                                                                         Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                        Cycle
                          Isotopics id:
                                                               Default
                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
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0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
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0.0000
0.0000
0.0000
0.0000
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2137
2133
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53047
53410
                                                                                                                                                                                                                                                                                                                  2170
2176
2145
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
                                                                                                                                                                                                                                                                                             8
9
10
                                            Pu241:
                                                                                                                                                                                                                                                                                                                                                                                                   52912
                                            Pu242:
                                                                                                                                                                                                                                                                                                                                                                                                   53022
52961
                                      Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000
00. 01. 01
                                                                                                                           0.0000 +-
19.07.04
                                                                                                  0.0000
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                                                                                                                                                                                                                                                                                       Passive cycle rate data
                                                                 1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                        Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                     Doubles
0. 033
0. 017
-0. 050
0. 050
0. 000
                                                                                                                                                                                                                                                                                                                   Singles
                                                                                                                                                                                                                                                                                                                                                                                                                               Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                       Cvcle
                                                                                                                                                                                                                                                                                                                     34, 075
                                                                                                                                                                                                                                                                                                                    34. 075
33. 258
34. 608
33. 942
34. 342
34. 792
34. 725
                                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                         -0. 017
0. 000
0. 000
-0. 067
0. 033
                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
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0. 000
0. 000
0. 000
0. 000
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Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                               6
7
                                                                                                                                                                                                                                                                                                                     35. 342
35. 442
34. 925
                                                                         1.0000 +-
                                                                                                          0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.825 +-
0.000 +-
                                                                                                            (1)
                                                                                                                                                                                                                                                                                                                                                                                                    (2)
```

	201907_AFAS-P Top Fork_Position8.txt	201907_AFAS-P Top Fork_Position8.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 1.518 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type:	JM2G JSR_02	Number passive cycles: 11
Detector id: Electronics id: Inventory change code:	JSR_02 JSR-12	Count time (sec): 60 Passive error messages
I/O code: Measurement date:	19.07.04 09:51:08	No known alpha calibration
Results file name: Inspection number:	974J5108. VER	Results
Item id: Stratum id:	PT8 201907 XXXX	Singles: 50.130 +- 0.259
Material type: Original declared mass:	Pu 0.000	Doubles: 0.017 +- 0.018 Triples: 0.000 +- 0.000
Measurement option: Data source: QC tests:	Verification Review disk file On	Scaler 1: 260.833 ← 0.405 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 3105 4 8 15846 0 Pass 2 3004 12 7 15605 0 Pass
Isotopics id: Isotopics source code: Pu238:	Default CO	3 3087 13 7 15743 0 Pass 4 3144 7 11 15709 0 Pass 5 3082 10 8 15790 0 Pass
Pu239: Pu240:	0.0000 + 0.0000 0.0000 + 0.0000 100.0000 + 0.0000 100.0000 + 0.0000	6 2999 11 9 15744 0 Pass 7 2982 11 12 15793 0 Pass
Pu241: Pu242:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	8 3086 9 5 15724 0 Pass 9 3082 10 13 15673 0 Pass
Pu date: Am241:	00.01.01 19.07.04 0.0000 +- 0.0000 0.0000 +- 0.0000	10 3017 13 12 15654 0 Pass 11 3042 11 8 15871 0 Pass
Predelay:	1.50	Passive cycle rate data
Gate length: 2nd gate length:	64. 00 64. 00	Cycle Singles Doubles Triples Mass QC Tests 1 50.925 -0.067 0.000 0.000 Pass
High voltage: Die away time: Efficiency:	1720 50. 0000 0. 0126	2 49.242 0.083 0.000 0.000 Pass 3 50.625 0.100 0.000 0.000 Pass 4 51.575 -0.067 0.000 0.000 Pass
Multiplicity deadtime: Coefficient A deadtime:	0.0000 0.0000	5 50.542 0.033 0.000 0.000 Pass 6 49.158 0.033 0.000 0.000 Pass
Coefficient B deadtime: Coefficient C deadtime:	0. 0000 0. 0000	7 48.875 -0.017 0.000 0.000 Pass 8 50.608 0.067 0.000 0.000 Pass
Doubles gate fraction: Triples gate fraction:	0. 0001 0. 0001	9 50.542 -0.050 0.000 0.000 Pass 10 49.458 0.017 0.000 0.000 Pass 11 49.875 0.050 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	11 40.070 0.000 0.000 0.000 FdSS
Passive singles bkgrnd: Passive doubles bkgrnd:	0. 825 +- 0. 000 0. 000 +- 0. 000	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                  Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                       0.000 +-
1.518
                                                                                                                                                                                                                                                                                                                                                                                     0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                   Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                                                     Number passive cycles:
                                                                                                                                                                                                                                                                                                 Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                Passive error messages
                                                             19. 07. 04 10:07:12
974K0712. VER
                                                                                                                                                                                                                                                                                No known alpha calibration
             Results
                                                             PT9 201907
                                                                                                                                                                                                                                                                                                                                            Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                      165, 858 +-
                                                                                                                                                                                                                                                                                                                                                                                                                          0.392
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                      0. 155 +-
0. 000 +-
104. 750 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                          0. 071
0. 000
0. 431
0. 000
                                                             Sample method
Measured
                                                                                                                                                                                                                                                                                Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                             R+A
104
118
102
                                                                                                                                                                                                                                                                                                                                                                                    Scaler 1
6277
6384
6379
                                                                                                                                                                                                                                                                                                                                                               A
116
111
107
                                                                                                                                                                                                                                                                                Cycle
                                                                                                                                                                                                                                                                                                          9933
9914
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                           6299
6458
6372
6417
6243
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                         10025
10024
9947
9998
                                                                                                                                                                                                                                                                                                                                        122
115
128
106
122
133
111
                                                                                                                                                                                                                                                                                                                                                                  91
96
106
99
110
117
115
                                                                                                                                                                                                                                                                                                                                                                                                                            0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
                                                                                                                                                                                                                                                                                     8
9
10
                                          Pu241:
                                                                                                                                                                                                                                                                                                         10114
                                          Pu242:
                                                                                                                                                                                                                                                                                                         10125
9928
                                                                                                                                                                                                                                                                                                                                                                                           6433
6499
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                        0. 0000 +-
19. 07. 04
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                Passive cycle rate data
                                                               1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                              Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                            Doubles
-0. 200
0. 117
-0. 083
0. 517
0. 317
                                                                                                                                                                                                                                                                                                          Singles
165.875
                                                                                                                                                                                                                                                                                Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                     Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                           164. 725
164. 408
166. 258
166. 242
                                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                          164. 958
165. 808
167. 742
167. 925
164. 642
                                                                                                                                                                                                                                                                                                                                                0. 367
0. 117
0. 200
0. 267
-0. 067
                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                       6
7
                                                                       1.0000 +-
 Normalization constant:
                                                                                                       0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.825 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                          (2)
```

	201907_AFAS-P Top Fork	_Position10.tx	t				201	907_AFAS	-P Top Fork_I	Position10.txt
INCC 5. 1. 2	Mov			Pa	assiv	ve triples bk ve scaler1 bk	grnd:	0.000 +- 1.518	0.000	
Facility: Material balance area: Detector type:	JMOX JM2G JSR_02					ve scaler2 bk er passive cy	•	0. 000		
Detector id: Electronics id: Inventory change code:	JSR_02 JSR-12			Pa	eeive	Count time (,	60		
I/O code: Measurement date:	19. 07. 04 10:23:17					n alpha cali	•			
Results file name: Inspection number:	974K2317. VER				sult	·	DIALION			
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: OC tests:	PT10 201907 XXXX Pu 0.000 Verification Review disk file On						Doul		100. 967 0. 010 0. 000 85. 142 0. 000	+- 0.045 +- 0.000 +- 0.433
Error calculation: Accidentals method:	Sample method Measured			Pas	ssive	cycle raw d	ata			
Inspector name: Passive comment:	measured			Су	cle 1 2	Singles 6177 6091	R+A 49 35	A 45	Scaler1 5286 5341	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.07.04 0.0000 +- 19.07.04	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000		3 4 5 6 7 8 9	6091 6155 6027 6097 6198 6079 6066 6095 6090	46 36 40 43 41 43 65 33	35 42 52 43 31 42 41 53 41	5341 5168 5140 5218 5121 5175 5167 5089 5291	0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction	1. 50 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 1.				1 2 3 4 5 6 7 8 9	Singles 102. 125 100. 692 101. 758 99. 625 100. 792 102. 475 100. 492 100. 275 100. 675	Doub 0. (0. (0. (0. (0. (0. (0. (0. (067 000 067 267 050 200 017 033	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1. 0000 +- 0. 0000 0. 825 +- 0. 000	1								
Passive doubles bkgrnd:	0.000 +- 0.000									
	(1)								(2)	

201908_AFAS-B Bottom Fork_Position1.txt

```
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                   0.000 +-
1.353
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                                                                  0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                              Number passive cycles:
                                                                                                                                                                                                                                                                                                           Count time (sec)
                                                               JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                         Passive error messages
                                                               19. 08. 19 09:43:55
98JJ4355. VER
                                                                                                                                                                                                                                                                                         No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                         Results
                                                               BB1 201908
                                                                                                                                                                                                                                                                                                                                                       Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                               XXXX
                                                                                                                                                                                                                                                                                                                                                                                                     42. 232 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                        0.344
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                   -0.003 +-
0.000 +-
105.090 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                        0. 026
0. 000
0. 487
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                         Passive cycle raw data
                                                                                                                                                                                                                                                                                                            Singles
2669
                                                                                                                                                                                                                                                                                                                                                                                                 Scaler 1
6343
6380
6386
                                                                                                                                                                                                                                                                                                                                                                                                                            Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                          Cycle
                                                                                                                                                                                                                                                                                                                                                      8
11
8
                                                                                                                                                                                                                                                                                                                     2620
2591
                         Isotopics id: Default
                                                                                                                                                                                                                                                                                                                                                                                  10
                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                       6411
6528
6177
6362
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                     2658
                                                                                                                                                                                                                                                                                                                                                      13
8
5
5
                                                                                                                                                                                                                                                                                                                                                                                 8
5
13
12
6
7
3
                                                                                                                                                                                                                                                                                                                                                                                                                                          0
0
0
0
0
0
                                                                                                  0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                             0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
                                                                                                                                                                                                                                                                                               8
9
10
                                                                                                                                                                                                                                                                                                                                                                                                        6483
                                            Pu241:
                                                                                                                                                                                                                                                                                                                     2494
                                            Pu242:
                                                                                                                                                                                                                                                                                                                     2487
                                                                                                                                                                                                                                                                                                                                                                                                        6385
6411
                                     Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                            19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                                                     2608
                                                                                                   0.0000
                                                                                                                                                               0.0000
                                                                                                                                                                                                                                                                                         Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                       Doubles
0. 017
0. 067
-0. 033
0. 083
0. 050
                                                                       1.50
64.00
                                                                                                                                                                                                                                                                                                                    Singles
43.730
                                                                                                                                                                                                                                                                                                                                                                                           Triples
                                                                                                                                                                                                                                                                                                                                                                                                                                  Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                         Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                  64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                       42. 913
42. 430
43. 547
41. 613
42. 630
41. 230
40. 813
40. 697
42. 713
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                          -0. 133
-0. 117
-0. 050
-0. 017
0. 100
                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                6
7
                                                                          1.0000 +-
                                                                                                          0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                          0.753 +-
0.000 +-
                                                                                                            (1)
                                                                                                                                                                                                                                                                                                                                                                                                       (2)
```

201908_AFAS-B Bottom Fork_Position2.txt		201908_AFAS-B Bottom Fork_Position2.txt				
	Passive triples hkornd:	0.000 +-	0.000			

	ZOTBOO_ALAS-D DOLLOIN FOLK_FOSTLITOTIZ. LXL
INCC 5. 1. 2	
Facility: Material balance area: Detector type: Detector id: Electronics id: Inventory change code: I/O code:	JMOX JM2G JSR_02 JSR_02 JSR-12
Measurement date: Results file name: Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: OC tests: Error calculation: Accidentals method: Inspector name: Passive comment:	19.08.19 10:01:59 98.W6159.VER BB2 201908 XXXXX Pu 0.000 Verification Review disk file On Sample method Measured
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 +- 0.0000
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0060 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000
Normalization constant: Passive singles bkgrnd:	1. 0000 +- 0. 0000 0. 753 ← 0. 000
Passive doubles bkgrnd:	0.000 + 0.000

(1)

Passiv	e triples bkg e scaler1 bkg e scaler2 bkg	rnd:	0. 000 +- 1. 353 0. 000	0.000		
	r passive cyc Count time (s		10 60			
Passive	error messag	es				
No know	n alpha calib	ration				
Results						
		Sing	les:	65, 352	+- 0.4	58
		Doub		0.015		
		Trip		0.000		
		Scale		181. 519		
		Scale		0.000		
Passive	cycle raw da	ita				
Cycle	Singles	R+A	Α	Scaler1	Scaler2	
1	3847	17	17	11039	0	Pass
2	3880	14	17	10938	0	Pass
3	4037	17	20	10975	0	Pass
4	3960	17	16	10801	0	Pass
5	4154	19	12	11064	0	Pass
6	3904	11	17	10868	0	Pass
7	3963	29	18	10947	0	
8	3937	16	15	10864	0	Pass
9	3995	21	24	11036	0	Pass
10	3986	21	17	11191	0	Pass
Passive	cycle rate d	lata				
Cycle	Singles	Doub I	es	Triples	Mass	QC Test
1	63. 363	0.00		0.000	0.000	
2	63. 913	-0. 0		0.000	0.000	
3	66. 530	-0. 0		0. 000	0.000	
4	65. 247	0.0		0.000	0. 000	
5	68. 480	0. 1		0.000	0.000	
6	64. 313	-0. 10		0.000	0.000	
7	65. 297	0. 18		0.000	0.000	
8	64. 863	0.0		0.000	0.000	
	65, 830	-0. 0	00	0.000	0. 000 0. 000	
9 10	65. 680	0.00	27	0.000		Pass

201908_AFAS-B Bottom Fork_Position3.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                  Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                        0. 000 +-
1. 353
                                                                                                                                                                                                                                                                                                                                                                                      0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                   Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                                     Number passive cycles:
                                                                                                                                                                                                                                                                                                 Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                Passive error messages
                                                             19. 08. 19 10:18:04
98JK1804. VER
                                                                                                                                                                                                                                                                                No known alpha calibration
             Results
                                                             BB3 201908
                                                                                                                                                                                                                                                                                                                                            Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                      245, 972 +-
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                           0.454
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                         0. 178 +-
0. 000 +-
57. 792 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 171
0. 000
0. 315
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                                Passive cycle raw data
                                                                                                                                                                                                                                                                                                   Singles
14844
14653
14857
                                                                                                                                                                                                                                                                                                                                    R+A
238
230
225
                                                                                                                                                                                                                                                                                                                                                                A
263
212
237
                                                                                                                                                                                                                                                                                                                                                                                     Scaler 1
3606
3575
3488
                                                                                                                                                                                                                                                                                                                                                                                                              Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                 Cycle
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                          3613
3559
3437
3581
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                          14800
                                                                                                                                                                                                                                                                                                                                        263
237
283
224
256
247
226
                                                                                                                                                                                                                                                                                                                                                                   234
226
206
215
227
236
266
                                                                                                                                                                                                                                                                                                                                                                                                                             0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                         14844
14789
14710
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
                                                                                                                                                                                                                                                                                      8
9
10
                                                                                                                                                                                                                                                                                                         14791
                                           Pu241:
                                                                                                                                                                                                                                                                                                                                                                                           3476
                                           Pu242:
                                                                                                                                                                                                                                                                                                         14971
14776
                                                                                                                                                                                                                                                                                                                                                                                            3572
3580
                                     Pu242:
Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                        19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                              Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                            Doubles
-0. 417
0. 300
-0. 200
0. 483
0. 183
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                           Singles
246.647
                                                                                                                                                                                                                                                                                Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                      Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                           243. 463
246. 863
245. 913
246. 647
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                       6
7
                                                                                                                                                                                                                                                                                                           245. 730
244. 413
                                                                                                                                                                                                                                                                                                                                                 1. 283
0. 150
                                                                                                                                                                                                                                                                                                           245. 763
248. 763
245. 513
                                                                                                                                                                                                                                                                                                                                                 0. 483
0. 183
-0. 667
                                                                       1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.753 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                          (2)
```

01908_AFAS-B Bottom Fork_Position4.txt	201908_AFAS-

	201908_AFAS-B Bottom Fork_Position4.txt	201908_AFAS-B Bottom Fork_Position4.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 1.353 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JSR_02 JSR_02	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name:		No known alpha calibration
Inspection number: Item id:	BB4 201908	Results
Stratum id: Material type: Original declared mass:	Pu	Singles: 950.122 ← 1.267 Doubles: 3.480 ← 0.498 Triples: 0.000 ← 0.000
Measurement option: Data source:	Verification Review disk file	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
QC tests: Error calculation: Accidentals method:	Sample method	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 57183 3767 3513 2874 0 Pass 2 57170 3823 3496 2812 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239:		3 57008 3722 3404 2866 0 Pass 4 57258 3822 3538 2942 0 Pass 5 56961 3565 3452 2809 0 Pass 6 57255 3680 3458 2909 0 Pass
Pu240: Pu241: Pu242:	100.0000 +- 0.0000 100.0000 +- 0.0000	7 56473 3509 3451 2875 0 Pass 8 56921 3588 3378 2704 0 Pass 9 57259 3677 3463 2834 0 Pass
Pu date: Am241: Am date:	00.01.01 19.08.19 0.0000 + 0.0000 0.0000 + 0.0000 + 0.0000 0.01.01 19.08.19	10 57037 3599 3511 2880 0 Pass Passive cycle rate data
Predelay:	1.50	Cycle Singles Doubles Triples Mass QC Tests
Gate length: 2nd gate length: High voltage: Die away time:	64. 00 64. 00 1720 50. 0000	1 952.297 4.233 0.000 0.000 Pass 2 952.080 5.450 0.000 0.000 Pass 3 949.380 5.300 0.000 0.000 Pass 4 953.547 4.733 0.000 0.000 Pass
Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime:	0.0060 0.0000 0.0000 0.0000	5 948,597 1.883 0.000 0.000 Pass 6 953.497 3.700 0.000 0.000 Pass 7 940.463 0.967 0.000 0.000 Pass 8 947.930 3.500 0.000 0.000 Pass 9 953.563 3.567 0.000 0.000 0.000 Pass
Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0,0000 0,0001 0,0001	9 953.563 3.567 0.000 0.000 Pass 10 949.863 1.467 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.753 +- 0.000 0.000 +- 0.000	

201908_AFAS-B Bottom Fork_Position5.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                              Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                  0. 000 +-
1. 353
                                                                                                                                                                                                                                                                                                                                                                                0.000
   Facility: JMOX
Material balance area: JM26
Detector type: JSR_02
Detector id: JSR_02
Electronics id: JSR_12
                                                                                                                                                                                                                                                                              Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                                 Number passive cycles:
                                                                                                                                                                                                                                                                                             Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                            Passive error messages
                                                            19. 08. 19 10:50:12
98JK5012. VER
                                                                                                                                                                                                                                                                            No known alpha calibration
             Results
                                                            BB5 201908
                                                                                                                                                                                                                                                                                                                                       Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                              2901.483 +-
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                    1, 651
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                  33. 260 +-
0. 000 +-
49. 280 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                    1. 416
0. 000
0. 272
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                            Passive cycle raw data
                                                                                                                                                                                                                                                                                               Singles
174411
173872
174098
                                                                                                                                                                                                                                                                                                                              R+A
34582
34442
34101
                                                                                                                                                                                                                                                                                                                                                                              Scaler 1
2911
3075
3037
                                                                                                                                                                                                                                                                                                                                                                                                        Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                            Cycle
                                                                                                                                                                                                                                                                                                                                                        A
32729
32354
32310
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                              34432
34455
33794
34493
34537
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                        32399
32530
32005
32105
                                                                                                                                                                                                                                                                                                                                                                                     3008
3014
3059
3068
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                  174600
                                                                                                                                                                                                                                                                                                                                                                                                                      0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                      0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                  174361
173637
174058
                                                                                                                                                                                                                                                                                                                                                                                     3067
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                  174428
                                          Pu241:
                                                                                                                                                                                                                                                                                  8
                                                                                                                                                                                                                                                                                                                                                         32532
                                          Pu242:
                                                                                                                                                                                                                                                                                                  173777
174100
                                                                                                                                                                                                                                                                                                                              34496
                                                                                                                                                                                                                                                                                                                                                         32023
32476
                                                                                                                                                                                                                                                                                                                                                                                     3090
3051
                                   Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                      19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                 10
                                                                                                                                                                                                                                                                                                                              34087
                                                                                              0.0000
                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                            Passive cycle rate data
                                                                                                                                                                                                                                                                                                   Singles
2906. 097
2897. 113
2900. 880
2909. 247
2905. 263
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                      Doubles
30, 883
34, 800
29, 850
33, 883
32, 083
                                                                                                                                                                                                                                                                                                                                                                        Triples
0.000
0.000
0.000
0.000
0.000
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                            Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                               Mass QC Tests
0.000 Pass
                                                               64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                          29. 817
39. 800
33. 417
41. 217
26. 850
                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                   6
7
                                                                                                                                                                                                                                                                                                    2893, 197
                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
                                                                                                                                                                                                                                                                                                    2900 213
                                                                                                                                                                                                                                                                                                    2900. 213
2906. 380
2895. 530
2900. 913
                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
                                                                                                     0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.753 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                    (2)
```

	201908_AFAS-B Bottom Fork_Position6.txt	201908_AFAS-B Bottom Fork_Position6.txt	
INCC 5.1.2	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 1.353 Passive scaler2 bkgrnd: 0.000	
Material balance area: Detector type: Detector id:	JM2G JSR_02	Number passive cycles: 10 Count time (sec): 60	
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages	
Measurement date: Results file name:	19. 08. 19 13:31:55 98JN3155. VER	No known alpha calibration	
Inspection number: Item id: Stratum id:	BB6 201908 XXXX	Results Singles: 36.780 +- 0.151	
Material type: Original declared mass: Measurement option: Data source:		Doubles: 0.000 ← 0.020 Triples: 0.000 ← 0.000 Scaler 1: 2492.390 ← 1.923 Scaler 2: 0.000 ← 0.000	
QC tests: Error calculation: Accidentals method:		Passive cycle raw data	
Inspector name: Passive comment:	measureu	Cycle Singles R+A A Scaler1 Scaler2 QC T 1 2294 5 2 148783 0 Pass 2 2240 4 3 150128 0 Pass	
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date:	$\begin{array}{llllllllllllllllllllllllllllllllllll$	3 2219 4 3 149822 0 Pass 4 2271 4 9 149509 0 Pass 5 2255 10 3 149662 0 Pass 6 2210 3 7 149664 0 Pass 7 2272 8 5 149719 0 Pass 8 2235 4 9 149856 0 Pass 9 2236 5 5 149328 0 Pass 10 2288 8 9 149805 0 Pass	
Am241: Am date:	$\begin{array}{cccccc} 0.0000 & \leftarrow & 0.0000 & 0.0000 & \leftarrow & 0.0000 \\ 00.01.01 & & & 19.08.19 & & & \end{array}$	Passive cycle rate data	
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0060 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0001	Cycle Singles Doubles Triples Mass QC 1 37,480 0.050 0.000 0.000 0.000 2 36,580 0.017 0.000 0.000 Pas 3 36,230 0.017 0.000 0.000 0.000 Pas 4 37,097 -0.083 0.000 0.000 Pas 5 36,830 0.117 0.000 0.000 Pas 6 36,080 -0.067 0.000 0.000 0.000 Pas 7 37,113 0.050 0.000 0.000 Pas 8 36,497 -0.083 0.000 0.000 0.000 Pas 9 36,513 0.000 0.000 0.000 Pas 10 37,380 -0.017 0.000 0.000 Pas	s s s s s s s s
Normalization constant:	1.0000 +- 0.0000		
Passive singles bkgrnd: Passive doubles bkgrnd:	0. 753 +- 0. 000 0. 000 +- 0. 000		

201908_AFAS-B Bottom Fork_Position7.txt

```
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                          0.000 +-
1.353
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                                                        0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                                      Number passive cycles:
                                                                                                                                                                                                                                                                                                   Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                 Passive error messages
                                                             19. 08. 19 13:51:01
98JN5101. VER
                                                                                                                                                                                                                                                                                 No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                 Results
                                                             BB7 201908
                                                                                                                                                                                                                                                                                                                                              Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                           32.972 +-
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                            0.163
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                        -0.008 +-
0.000 +-
853.569 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 015
0. 000
0. 992
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                                 Passive cycle raw data
                                                                                                                                                                                                                                                                                                    Singles
                                                                                                                                                                                                                                                                                                                                                                                      Scaler 1
51473
51289
51027
                                                                                                                                                                                                                                                                                                                                                                                                                 Scaler2 QC Tests

0 Pass

0 Pass

0 Pass
                                                                                                                                                                                                                                                                                  Cycle
                                                                                                                                                                                                                                                                                                             2045
1971
                         Isotopics id: Default
                                                                                                                                                                                                                                                                                                             2022
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                             2052
                                                                                                                                                                                                                                                                                                                                                                                           51142
                                                                                                                                                                                                                                                                                                                                                                                                                               0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                          0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                            2015
2035
2049
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
                                                                                                                                                                                                                                                                                       8
9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                             2035
                                                                                                                                                                                                                                                                                                                                                                                           51497
                                           Pu242:
                                                                                                                                                                                                                                                                                                             2044
1967
                                                                                                                                                                                                                                                                                                                                                                                           51611
                                     Pu242:
Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000
00. 01. 01
                                                                                                                         19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                                                                                                                           51201
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                 Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                            Singles
                                                                                                                                                                                                                                                                                                                                              Doubles
-0.033
0.000
0.017
-0.033
0.067
-0.017
-0.083
0.050
-0.067
0.017
                                                                                                                                                                                                                                                                                                                                                                                Triples
                                                                                                                                                                                                                                                                                                                                                                                                                       Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                 Cvcle
                                                                                                                                                                                                                                                                                                                                                                                     0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                               33, 330
                                                                64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                               32. 097
32. 947
33. 447
32. 830
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                             33. 163
33. 397
33. 163
33. 313
32. 030
                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                         6
7
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                        1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.753 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                            (2)
```

	201908_AFAS-B Bottom Fork_Position8.txt		201908_AFAS-B	Bottom Fork_Position8.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd Passive scaler1 bkgrnd Passive scaler2 bkgrnd	d: 1. 353	0. 000
Material balance area: Detector type: Detector id:	JSR_02 JSR_02	Number passive cycles Count time (sec)		
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages		
Measurement date: Results file name:	19. 08. 19 14:09:06 98J00906, VER	No known alpha calibra	tion	
Inspection number:		Results		
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file		Singles: Doubles: Triples: Scaler 1: Scaler 2:	48. 790 \(\dots\) 0. 213 -0. 012 \(\dots\) 0. 018 0. 000 \(\dots\) 0. 000 250. 804 \(\dots\) 0. 717 0. 000 \(\dots\) 0. 000
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw data		
Inspector name: Passive comment:	action of	Cycle Singles R- 1 3024 2 2920	+A A 8 10 11 7	Scaler1 Scaler2 QC Tests 15021 0 Pass 14808 0 Pass
Isotopics id: Isotopics source code: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3 2963 4 2995 5 2940 6 2943 7 2957 8 3030 9 2937 10 3017	7 11 8 11 11 7 10 9 6 11 6 10 12 10 9 9	15297 O Pass 15093 O Pass 15159 O Pass 15185 O Pass 15202 O Pass 15197 O Pass 15113 O Pass 15219 O Pass
Predelay:	1.50 64.00 64.00 1720 50.0000 0.0060 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	Cycle Singles 1 49.647 2 47.913 3 48.630 4 49.163 5 48.247 6 48.297 7 48.530 8 49.747 9 48.197 10 49.530	Doubles -0. 033 0. 067 -0. 067 -0. 050 0. 067 -0. 090 0. 017 -0. 083 -0. 067 0. 033 0. 000	Triples Mass QC Tests 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1. 0000 +- 0. 0000 0. 753 ← 0. 000			
Passive doubles bkgrnd:	0.000 + 0.000			

201908_AFAS-B Bottom Fork_Position9.txt

Passive singles bkgrnd: Passive doubles bkgrnd: 0.753 +-0.000 +- 0. 000 0. 000 (1)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                   Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                        0. 000 +-
1. 353
                                                                                                                                                                                                                                                                                                                                                                                      0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                   Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                                      Number passive cycles:
                                                                                                                                                                                                                                                                                                  Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                Passive error messages
                                                             19. 08. 19 14:25:10
98J02510. VER
                                                                                                                                                                                                                                                                                No known alpha calibration
             Results
                                                             BB9 201908
                                                                                                                                                                                                                                                                                                                                             Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                       161.082 +-
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 457
                                                             XXXX
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                       0. 058 +-
0. 000 +-
101. 275 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 072
0. 000
0. 372
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                                Passive cycle raw data
                                                                                                                                                                                                                                                                                                   Singles
9784
9757
9819
                                                                                                                                                                                                                                                                                                                                    R+A
92
105
101
                                                                                                                                                                                                                                                                                                                                                                                     Scaler1
6219
6144
6101
                                                                                                                                                                                                                                                                                                                                                                                                                Scaler2 QC Tests

0 Pass

0 Pass

0 Pass
                                                                                                                                                                                                                                                                                 Cycle
                                                                                                                                                                                                                                                                                                                                                                A
110
                                                                                                                                                                                                                                                                                                                                                                     89
102
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                           9798
9713
9696
9692
                                                                                                                                                                                                                                                                                                                                                                                            6272
6061
6113
6223
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                         111
103
106
128
116
108
                                                                                                                                                                                                                                                                                                                                                                    108
97
98
117
94
99
105
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0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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Pass
Pass
                                                                                                                                                                                                                                                                                      8
9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                            9653
                                                                                                                                                                                                                                                                                                                                                                                            6215
                                           Pu242:
                                                                                                                                                                                                                                                                                                            9665
                                                                                                                                                                                                                                                                                                                                                                                            6083
6146
                                     Pu242:
Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                        19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                                            9524
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                           Singles
162.313
                                                                                                                                                                                                                                                                                                                                             Doubles
-0. 300
0. 267
-0. 017
0. 050
0. 100
0. 133
0. 183
0. 367
0. 150
-0. 350
                                                                                                                                                                                                                                                                                                                                                                               Triples
                                                                                                                                                                                                                                                                                Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                      Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
                                                                64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                            161. 863
162. 897
162. 547
161. 130
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
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0. 000
0. 000
0. 000
0. 000
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Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                        6
7
                                                                                                                                                                                                                                                                                                            160, 847
                                                                                                                                                                                                                                                                                                            160 780
                                                                                                                                                                                                                                                                                                            160. 780
160. 130
160. 330
157. 980
                                                                       1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.753 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                           (2)
```

	201908_AFAS-B Bottom Fo	ork_Position10.	txt			201908_	_AFAS-B	Bottom Fork	_Position10. txt	
INCC 5. 1. 2					e triples bkg e scaler1 bkg		000 +- 353	0.000		
Facility: Material balance area:				Passiv	e scaler2 bkg	grnd: 0.	000			
Detector type: Detector id:	JSR_02 JSR_02				r passive cyc Count time (s		10 60			
Electronics id: Inventory change code:	JSR-12			Passive	error messa	ges				
I/O code: Measurement date: Results file name:	19. 08. 19 14:41:14 98J04114, VER			No know	m alpha calib	bration				
Inspection number:	98J04114. VER BB10 201908			Results						
Stratum id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file					Single Double Triple Scaler Scaler	es: es: 1:	97. 513 -0. 027 0. 000 82. 879 0. 000	→ 0.052→ 0.000→ 0.354	
Error calculation: Accidentals method:				Passive	cycle raw da	ata				
Inspector name: Passive comment:	iii dadar da			Cycle 1 2	Singles 5895 5899	R+A 36 35	A 41 42	Scaler1 5032 5065	Scaler2 QC Tes 0 Pass 0 Pass	its
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240:	Default CO 0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000	0.0000 +- 0.0000 +- 100.0000 +-	0. 0000 0. 0000 0. 0000	3 4 5 6 7	5877 5890 5997 5954 5932	39 41 40 27 37	39 52 39 31 40	5036 5031 4937 5189 5066	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass	
Pu241: Pu242:	0.0000 +- 0.0000 0.0000 +- 0.0000	0.0000 +- 0.0000 +-	0. 0000 0. 0000	8	5848 5883	50 43	37 27	5056 5005	0 Pass 0 Pass	
Pu date: Am241:	00. 01. 01 0. 0000 +- 0. 0000	19. 08. 19 0. 0000 +-	0.0000	10	5785	34	50	5122	0 Pass	
Am date:	00. 01. 01	19. 08. 19		Passive	cycle rate o	data				
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0060 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 1. 0	20		Cycle 1 2 3 4 5 6 7 8 9 10	Singles 97, 497 97, 563 97, 197 97, 413 99, 197 98, 480 98, 113 96, 713 97, 297 95, 663	Doub I es -0, 083 -0, 117 0, 000 -0, 183 0, 017 -0, 067 -0, 056 0, 217 0, 267 -0, 267	3 7 9 3 7 7	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Te 0.000 Pass	sts
MOTHER IZACION CONSTANT.	1.0000 - 0.000	~~								

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000 +-
                                                                                                                                                                                                                                                                                                                                                                              0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                             Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                               Number passive cycles:
                                                                                                                                                                                                                                                                                           Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                          Passive error messages
                                                            19. 08. 19 09:43:55
98JJ4355. VER
                                                                                                                                                                                                                                                                          No known alpha calibration
             Results
                                                            BC1 201908
XXXX
                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                            1431.303 +-
                                                                                                                                                                                                                                                                                                                                                                                                                 1.396
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                            6. 937 +-
0. 000 +-
2775. 179 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                 0. 680
0. 000
1. 959
0. 000
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                          Passive cycle raw data
                                                                                                                                                                                                                                                                                            Singles
86269
86135
86397
                                                                                                                                                                                                                                                                                                                                                                            Scaler1
166859
167034
166061
                                                                                                                                                                                                                                                                                                                                                                                                     Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                            R+A
8286
                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                                                                         A
8020
                                                                                                                                                                                                                                                                                                                               8209
8500
                                                                                                                                                                                                                                                                                                                                                         7926
7987
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                              8378
8224
8322
8683
                                                                                                                                                                                                                                                                                                                                                        7885
8026
7889
8118
                                                                                                                                                                                                                                                                                                                                                                              166354
167174
166180
166251
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                   85908
                                                                                                                                                                                                                                                                                                                                                                                                                   0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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86015
86815
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                               8525
                                          Pu241:
                                                                                                                                                                                                                                                                                 8
                                                                                                                                                                                                                                                                                                   86528
                                                                                                                                                                                                                                                                                                                                                         8082
                                                                                                                                                                                                                                                                                                                                                                               166477
                                          Pu242:
                                                                                                                                                                                                                                                                                                   86387
                                                                                                                                                                                                                                                                                                                               8398
8473
                                                                                                                                                                                                                                                                                                                                                         8000
7905
                                                                                                                                                                                                                                                                                                                                                                               166537
                                   Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                     19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                10
                                                                                                                                                                                                                                                                                                   86421
                                                                                                                                                                                                                                                                                                                                                                               166675
                                                                                             0.0000
                                                                                                                                                      0.0000
                                                                                                                                                                                                                                                                          Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                   Singles
1430. 723
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                                                                                    Doubles
4, 435
4, 719
8, 556
8, 222
3, 301
7, 221
9, 423
7, 388
6, 637
9, 473
                                                                                                                                                                                                                                                                                                                                                                       Triples
                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                          Cvcle
                                                                                                                                                                                                                                                                                                                                                                           0.000
0.000
0.000
0.000
0.000
                                                               64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                   1428. 489
1432. 857
1424. 704
1428. 955
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                 6
                                                                                                                                                                                                                                                                                                   1426. 488
1439. 827
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
                                                                                                                                                                                                                                                                                                   1435. 042
1432. 691
1433. 257
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
                                                                                                    0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      7. 426 +-
0. 002 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                  (2)
```

	201908_AFAS-B Collar_P	osition2.txt				2	01908_AFA	S-B Collar_Po	osition2.txt
INCC 5.1.2 Facility:	JMOX			Passiv	e triples bkg e scaler1 bkg e scaler2 bkg	grnd:	0. 000 +- 0. 824 0. 000	0.000	
Material balance area: Detector type: Detector id: Electronics id:	JM2G JSR_01 JSR_01 JSR-12				r passive cyc Count time (s		10 60		
Inventory change code: I/O code:	00K 12			Passive	error messag	ges			
Measurement date: Results file name:	19.08.19 10:01:59 98JK0159. VER				n alpha calib	bration			
Inspection number: Item id:	BC2 201908			Results		0:		500 000	4 000
Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification Review disk file					Dou Tri Scal	gles: bles: ples: er 1: er 2:	3832. 897 + 60. 488 + 0. 000 + 679. 359 + 0. 000 +	⊢ 1. 749 ⊢ 0. 000 ⊢ 1. 093
QC tests: Error calculation: Accidentals method:	On Sample method Measured			Passive	cycle raw da	ata			
Inspector name: Passive comment:	measured			Cycle 1 2	Singles 230288 230234	R+A 60645 59920	A 56582 56424	Scaler1 40734 40999	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: PU238: PU239: PU240: PU241: PU242: Pu date: Am241: Am date:	0.0000 +- 0.0000 0.0000 +- 0.0000 00.01.01 0.0000 +- 0.0000	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.08.19 0.0000 +- 19.08.19	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	3 4 5 6 7 8 9	229975 230335 229716 230167 230952 230651 230518 229938	59946 60389 59573 60070 60519 60264 60276 60282	56346 56592 56649 56171 57198 56368 56758 56591	40765 40825 40751 40876 41110 40361 40701 40988	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.0001			Cycle 1 2 3 4 5 6 7 8 9	Singles 3833. 074 3832. 173 3827. 851 3833. 858 3823. 529 3831. 055 3844. 154 3836. 912 3827. 233	Doub 67. 1 58. 60. 63. 48. 65. 55. 55. 65. 1	882 408 146 437 851 141 485 092	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant:	1.0000 +- 0.0000								
Passive singles bkgrnd: Passive doubles bkgrnd:	7. 426 +- 0. 000 0. 002 +- 0. 000								
	(1)							(2)	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                              0.000 +-
                                                                                                                                                                                                                                                                                                                                                                          0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                          Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                            Number passive cycles:
                                                                                                                                                                                                                                                                                        Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                       Passive error messages
                                                           19. 08. 19 10:18:03
98JK1803. VER
                                                                                                                                                                                                                                                                       No known alpha calibration
             Results
                                                           BC3 201908
                                                                                                                                                                                                                                                                                                                                  Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                           XXXX
                                                                                                                                                                                                                                                                                                                                                                      53412.071 +-
                                                                                                                                                                                                                                                                                                                                                                                                            13, 621
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                      11565. 967 +-
0. 000 +-
169. 063 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                           38. 790
0. 000
0. 533
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                       Passive cycle raw data
                                                                                                                                                                                                                                                                                          Singles
3179586
3175860
3175298
                                                                                                                                                                                                                                                                                                                  R+A
11454544
11432148
11421754
                                                                                                                                                                                                                                                                                                                                                                         Scaler1
10184
10178
10181
                                                                                                                                                                                                                                                                                                                                                                                                  Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                        Cycle
                                                                                                                                                                                                                                                                                                                                            A
10784970
10762160
10754139
                        Isotopics id: Default
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                           10754139
10772526
10758941
10776844
10777745
10743681
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                          3177277
3176851
3178766
3178849
                                                                                                                                                                                                                                                                                                                  11429004
11444383
11445623
11452251
                                                                                                                                                                                                                                                                                                                                                                             10125
10168
10337
9981
                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
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0
0
0
0
0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                   0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
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3179647
3182371
                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
                                                                                                                                                                                                                                                                             8
9
10
                                                                                                                                                                                                                                                                                                                   11414934
                                         Pu241:
                                                                                                                                                                                                                                                                                                                                                                             10329
                                         Pu242:
                                                                                                                                                                                                                                                                                                                  11455813
11470962
                                                                                                                                                                                                                                                                                                                                            10783082
10801646
                                                                                                                                                                                                                                                                                                                                                                              10229
                                   Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                    19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                                                                                                             10220
                                                                                             0.0000
                                                                                                                                                     0.0000
                                                                                                                                                                                                                                                                       Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                  Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                            Singles
53442.118
                                                                  1.50
64.00
                                                                                                                                                                                                                                                                       Cvcle
                                                                                                                                                                                                                                                                                                                              Doubles
11549. 042
                                                                                                                                                                                                                                                                                                                                                                                                         Mass QC Tests
0.000 Pass
                                                              64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                             53378. 942
53369. 413
53402. 968
53395. 745
                                                                                                                                                                                                                                                                                                                              11555. 714
11514. 715
11322. 873
11822. 386
                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
Pass
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7
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                                                                                                                                                                                                                                                                                                                               11535, 226
                                                                                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                                             53429 622
                                                                                                                                                                                                                                                                                                                               11634 017
                                                                                                                                                                                                                                                                                            53429. 622
53341. 200
53443. 152
53489. 340
                                                                                                                                                                                                                                                                                                                              11577. 252
11603. 502
11544. 941
                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                     1.0000 +-
 Normalization constant:
                                                                                                    0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     7. 426 +-
0. 002 +-
                                                                                                      (1)
                                                                                                                                                                                                                                                                                                                                                                              (2)
```

	201908_AFAS-B Collar_Position4.txt	201908_AFAS-B Collar_Position4.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.824 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JM26 JSR_01 JSR_01 JSR-12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:	19. 08. 19 10:35:08 98JK3508. VER	No known alpha calibration Results
Inspection number. Item id: Stratum id: Material type Original declared mass: Measurement option: Data source: QC tests:	BC4 201908 XXXX Pu 0.000 Verification Review disk file On	Singles: 6861.990 + 2.539
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 412237 193573 181270 3491 O Pass 2 411714 191744 180396 3361 O Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3 411139 191416 179671 3490 0 Pass 4 411689 192216 180228 3486 0 Pass 5 412492 192517 182180 3529 0 Pass 6 412106 192282 181660 3481 0 Pass 7 411570 191963 181042 3547 0 Pass 8 411389 191851 180506 3468 0 Pass 9 411819 191180 180418 3585 0 Pass 10 410953 191229 179984 3514 0 Pass
	00.01.01 19.08.19	Passive cycle rate data Cycle Singles Doubles Triples Mass QC Tests
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.0001 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 6870.779 205.955 0.000 0.000 Pass 2 6862.043 189.967 0.000 0.000 Pass 3 6852.439 196.612 0.000 0.000 Pass 4 6861.625 200.661 0.000 0.000 Pass 5 6875.038 173.044 0.000 0.000 Pass 6 6868.591 177.814 0.000 0.000 Pass 7 6859.638 182.818 0.000 0.000 Pass 8 6856.614 189.916 0.000 0.000 Pass 9 6863.797 180.157 0.000 0.000 Pass 10 6849.332 188.241 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd: Passive doubles bkgrnd:	1.0000 \(\rightarrow \) 0.0000 7.426 \(\rightarrow \) 0.000 0.002 \(\rightarrow \) 0.000	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                              Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                   0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                               Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                                 Number passive cycles:
                                                                                                                                                                                                                                                                                             Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                            Passive error messages
                                                            19. 08. 19 10:50:12
98JK5012. VER
                                                                                                                                                                                                                                                                            No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                             Results
                                                            BC5 201908
                                                                                                                                                                                                                                                                                                                                       Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                              2842, 119 +-
                                                                                                                                                                                                                                                                                                                                                                                                                    1.756
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                  31. 302 +-
0. 000 +-
49. 779 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                    1. 057
0. 000
0. 239
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                            Passive cycle raw data
                                                                                                                                                                                                                                                                                              Singles
171076
                                                                                                                                                                                                                                                                                                                                                                               Scaler 1
3061
3078
2987
                                                                                                                                                                                                                                                                                                                                                                                                        Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                               R+A
33023
                                                                                                                                                                                                                                                                             Cycle
                                                                                                                                                                                                                                                                                                                                                        A
31027
31194
30973
                                                                                                                                                                                                                                                                                                   170643
170463
                                                                                                                                                                                                                                                                                                                               32982
33163
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                              33006
32672
33373
32679
                                                                                                                                                                                                                                                                                                                                                        31324
30947
31471
31170
                                                                                                                                                                                                                                                                                                                                                                                     3065
2985
3121
2990
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                   170836
                                                                                                                                                                                                                                                                                                                                                                                                                       0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                      0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                  170694
171243
170466
                                                                                                                                                                                                                                                                                                                                                                                     3022
3044
3009
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
                                          Pu241:
                                                                                                                                                                                                                                                                                                  170889
                                                                                                                                                                                                                                                                                                                               32865
                                                                                                                                                                                                                                                                                                                                                         30852
                                          Pu242:
                                                                                                                                                                                                                                                                                                  171251
171384
                                                                                                                                                                                                                                                                                                                               33184
                                                                                                                                                                                                                                                                                                                                                         31271
31345
                                    Pu242:
Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                      19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                  10
                                                                                              0.0000
                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                            Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                         Triples
0.000
0.000
0.000
0.000
0.000
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                                                    Singles
2845. 147
                                                                                                                                                                                                                                                                                                                                                                                                               Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                            Cvcle
                                                                                                                                                                                                                                                                                                                                       Doubles
33, 325
                                                               64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                   2845. 147
2837. 923
2834. 921
2841. 143
2838. 774
2847. 932
                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                          29. 852
36. 564
28. 082
28. 800
31. 756
25. 194
33. 609
31. 940
33. 893
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                   6
7
                                                                                                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                                                     2834 971
                                                                                                                                                                                                                                                                                                    2842. 027
2848. 066
2850. 285
                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
                                                                                                     0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      7. 426 +-
0. 002 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                     (2)
```

	201908 AFAS-B Collar Position6.txt		201000 AEAS	G-B Collar Position6.txt
	ZOTBOO_ALAS-D GOTTAL_FOSTETONO. EXE		201900_AFA	S-D GOTTAT_FOSTETOTIO. EXE
INCC 5. 1. 2	New York	Passive triples bkgr Passive scaler1 bkgr	rnd: 0. 824	0. 000
Facility: Material balance area:	JMOX JM2G	Passive scaler2 bkg	rnd: 0. 000	
Detector type: Detector id: Electronics id:	JSR_01 JSR_01 JSR_12	Number passive cyc Count time (se		
Inventory change code: I/O code:	υσι-12	Passive error message	es	
Measurement date: Results file name:	19. 08. 19 13:31:55 98JN3155, VER	No known alpha calib	ration	
Inspection number:	BC6 201908	Results		
Stratum id:	XXXX		Singles:	895. 512 +- 1. 624
Material type: Original declared mass:	Pu 0, 000		Doubles: Triples:	3. 078 +- 0. 434 0. 000 +- 0. 000
Measurement option:	Verification		Scaler 1:	71. 218 +- 0. 281
Data source: QC tests:	Review disk file On		Scaler 2:	0.000 +- 0.000
Error calculation:	Sample method	Passive cycle raw dat	ta	
Accidentals method: Inspector name:	Measured	Cycle Singles	R+A A	Scaler1 Scaler2 QC Tests
Passive comment:		1 54183	3247 3207	4399 0 Pass
Isotopics id:	Default	2 53892 3 54548	3365 3087 3348 3152	4344 0 Pass 4258 0 Pass
Isotopics source code:	CO	4 54314	3240 3155	4219 0 Pass
Pu238: Pu239:	0.0000 +- 0.0000	5 53529 6 54496	3292 3060 3331 3063	4322 0 Pass 4384 0 Pass
Pu239 . Pu240 :	100.0000 +- 0.0000	5 54496 7 54394	3298 3194	4384 U Pass 4330 0 Pass
Pu241:	0.0000 +- 0.0000 0.0000 +- 0.0000	8 54258	3435 3185	4315 0 Pass
Pu242: Pu date:	0.0000 +- 0.0000	9 54009 10 54061	3405 3187 3371 3195	4311 0 Pass 4343 0 Pass
Am241:	0.0000 +- 0.0000	10 34001	3071 3193	4040 0 1 800
Am date:	00. 01. 01 19. 08. 19	Passive cycle rate da	ata	
Predelay:	1.50 64.00	Cycle Singles 1 895.755	Doubles 0.665	Triples Mass QC Tests 0.000 0.000 Pass
Gate length: 2nd gate length:	64.00	2 890. 904	4. 634	0.000 0.000 Pass 0.000 0.000 Pass
High voltage:	1720	3 901.840	3. 266	0.000 0.000 Pass
Die away time:	50.0000	4 897. 939	1. 415	0.000 0.000 Pass
Efficiency: Multiplicity deadtime:	0. 1970 160. 0000	5 884. 852 6 900. 973	3. 867 4. 467	0.000 0.000 Pass 0.000 0.000 Pass
Coefficient A deadtime:	0. 6419	7 899. 273	1. 732	0.000 0.000 Pass
Coefficient B deadtime:	0. 1030	8 897. 006	4. 167	0.000 0.000 Pass
Coefficient C deadtime:	0.0000	9 892. 854	3. 633	0.000 0.000 Pass
Doubles gate fraction: Triples gate fraction:	0. 0001 0. 0001	10 893. 721	2. 933	0. 000 0. 000 Pass
Normalization constant:	1.0000 +- 0.0000			
Passive singles bkgrnd: Passive doubles bkgrnd:	7. 426 ← 0. 000 0. 002 ← 0. 000			

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                              Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                    0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                 0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                               Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                 Number passive cycles:
                                                                                                                                                                                                                                                                                             Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                            Passive error messages
                                                            19. 08. 19 13:51:00
98JN5100. VER
                                                                                                                                                                                                                                                                            No known alpha calibration
             Results
                                                            BC7 201908
                                                                                                                                                                                                                                                                                                                                        Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                               1101.027 +-
                                                                                                                                                                                                                                                                                                                                                                                                                     1.637
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                 4. 721 +-
0. 000 +-
117. 904 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 365
0. 000
0. 302
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                            Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                              Scaler1
7147
7149
7097
7248
7045
7052
7143
                                                                                                                                                                                                                                                                                               Singles
66457
67127
65960
                                                                                                                                                                                                                                                                                                                               R+A
5026
5109
5009
                                                                                                                                                                                                                                                                                                                                                                                                         Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                             Cycle
                                                                                                                                                                                                                                                                                                                                                           A
4744
4738
4772
4727
4755
4632
4784
4699
4799
4655
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                     66528
66276
66255
66694
                                                                                                                                                                                                                                                                                                                                 5094
4967
4956
4933
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                       0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                      0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                      7104
7120
7132
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
                                                                                                                                                                                                                                                                                  8
9
10
                                                                                                                                                                                                                                                                                                                                 5015
                                          Pu241:
                                                                                                                                                                                                                                                                                                     66520
66676
                                          Pu242:
                                                                                                                                                                                                                                                                                                                                 5098
4930
                                    Pu242:
Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                      19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                                     66460
                                                                                              0.0000
                                                                                                                                                        0.0000
                                                                                                                                                                                                                                                                             Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                       Doubles
4. 701
6. 185
3. 950
6. 119
3. 534
                                                                                                                                                                                                                                                                                                      Singles
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                          Triples
                                                                                                                                                                                                                                                                                                                                                                                                               Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                            Cvcle
                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
0. 000
                                                               64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                     1100, 388
                                                                                                                                                                                                                                                                                                     1111. 559
1092. 102
1101. 572
1097. 370
                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                            5. 402
2. 483
5. 268
4. 985
4. 584
                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                   6
7
                                                                                                                                                                                                                                                                                                     1097, 020
                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
                                                                                                                                                                                                                                                                                                     1104 339
                                                                                                                                                                                                                                                                                                     1104. 339
1101. 438
1104. 039
1100. 438
                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
                                                                                                     0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      7. 426 +-
0. 002 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                     (2)
```

	201908_AFAS-B Collar_Posi	ition8. txt			201	908_AFAS	-B Collar_Po	osition8.tx	t
INCC 5. 1. 2				ve triples bkg ve scaler1 bkg		000 +-	0.000		
Facility: Material balance area: Detector type:	JMOX JM2G JSR_01			ve scaler2 bkg er passive cyc		10			
Detector id: Electronics id:	JSR_01 JSR-12			Count time (s	sec):	60			
Inventory change code: I/O code: Measurement date:	19. 08. 19 14:09:05			e error messag vn alpha calib					
Results file name: Inspection number: Item id:	98J00905. VER BC8 201908		Results	;					
Stratum id: Material type: Original declared mass:	XXXX Pu 0. 000				Singl Doubl Tripl	es:	629. 590 + 1. 830 + 0. 000 +	→ 0.15	3
Measurement option: Data source: QC tests:	Verification Review disk file On				Scaler Scaler		46. 578 ± 0. 000 ±		
Error calculation: Accidentals method: Inspector name:	Sample method Measured		Passive Cycle	cycle raw da Singles	nta R+A	A	Scaler1	Scaler2	OC Tests
Passive comment:	Default		1 2 3	38294 37994 38436	1696 1645 1669	1528 1541 1574	2795 2817 2863	0	Pass Pass Pass
Isotopics source code: Pu238: Pu239:	0.0000 +- 0.0000 0	0.0000 +- 0.0000 0.0000 +- 0.0000	4 5 6	38354 38088 38267	1693 1637 1661	1595 1505 1541	2968 2867 2831	0	Pass Pass Pass
Pu240: Pu241: Pu242:	100.0000 +- 0.0000 100 0.0000 +- 0.0000 0	0.0000 + 0.0000 0.0000 + 0.0000 0.0000 + 0.0000	7 8 9	37848 38593 38015	1582 1724 1643	1529 1614 1537	2854 2752 2804	0	Pass Pass Pass
Pu date: Am241: Am date:	00. 01. 01 19. 0. 0000 +- 0. 0000 0	08. 19 0. 0000 + 0. 0000 08. 19	10	38281 cvcle rate o	1647	1534	2890		Pass
Predelay:	1.50	06. 19	Cycle	Singles	Double		Triples	Mass	QC Tests
Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime:	64. 00 64. 00 1720 50. 0000 0. 1970 160. 0000 0. 6419 0. 1030		1 2 3 4 5 6 7 8	630. 873 625. 872 633. 240 631. 873 627. 439 630. 423 623. 438 635. 857	2. 79 1. 73 1. 58 1. 63 2. 19 1. 99 0. 88 1. 83	9 2 2 2 9 9 1 1	0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000	0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000	Pass Pass Pass Pass Pass Pass Pass Pass
Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0. 0000 0. 0001 0. 0001		9 10	626. 222 630. 656	1. 76 1. 88		0. 000 0. 000	0. 000 0. 000	Pass Pass
Normalization constant:	1.0000 +- 0.0000								
Passive singles bkgrnd: Passive doubles bkgrnd:	7. 426 +- 0. 000 0. 002 +- 0. 000								

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                               0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                                                        Passive triples bkgrnd:
Passive scaler1 bkgrnd:
   Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                        Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                                          Number passive cycles:
                                                                                                                                                                                                                                                                                                       Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                     Passive error messages
                                                              19. 08. 19 14:25:09
98J02509. VER
                                                                                                                                                                                                                                                                                     No known alpha calibration
             Results
                                                              BC9 201908
                                                                                                                                                                                                                                                                                                                                                   Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                            1217.055 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                  1, 241
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                               5. 722 +-
0. 000 +-
31. 269 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                  0. 610
0. 000
0. 259
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                     Passive cycle raw data
                                                                                                                                                                                                                                                                                                        Singles
73184
                                                                                                                                                                                                                                                                                                                                          R+A
6156
6104
6237
                                                                                                                                                                                                                                                                                                                                                                                            Scaler1
1951
1930
1830
                                                                                                                                                                                                                                                                                                                                                                                                                      Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                      Cycle
                                                                                                                                                                                                                                                                                                                                                                      A
5703
5728
5666
                                                                                                                                                                                                                                                                                                               73381
73796
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                           6094
6164
6165
6130
6072
                                                                                                                                                                                                                                                                                                                                                                                                   1935
1894
1887
1991
1920
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                               73287
73700
73616
73380
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                      5778
5836
5876
5810
5684
5852
5792
                                                                                                                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                              73090
73678
73432
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
                                                                                                                                                                                                                                                                                           8
9
10
                                           Pu241:
                                           Pu242:
                                                                                                                                                                                                                                                                                                                                            6099
5936
                                                                                                                                                                                                                                                                                                                                                                                                   1996
1922
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                          19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                 0.0000
                                                                                                                                                             0.0000
                                                                                                                                                                                                                                                                                     Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                     Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                               Singles
1212.547
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                                                  Doubles
7, 554
6, 269
9, 522
5, 268
5, 469
4, 818
5, 335
6, 469
4, 118
2, 400
                                                                                                                                                                                                                                                                                     Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                             Mass QC Tests
0.000 Pass
                                                                 64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                               1215. 831
1222. 751
1214. 264
1221. 150
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                             6
                                                                                                                                                                                                                                                                                                               1219, 749
                                                                                                                                                                                                                                                                                                               1215 815
                                                                                                                                                                                                                                                                                                               1210. 979
1220. 783
1216. 682
                                                                         1.0000 +-
 Normalization constant:
                                                                                                         0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         7. 426 +-
0. 002 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                 (2)
```

	201908_AFAS-B Collar_	Position10.txt					20	1908_AFAS	-B Collar_Po	sition10.txt
INCC 5. 1. 2	IMOV				Passi	ve triples bk ve scaler1 bk	grnd:	0. 000 +- 0. 824	0.000	
Facility: Material balance area: Detector type:	JMOX JM2G JSR_01					ve scaler2 bk	cles:	0. 000		
Detector id: Electronics id: Inventory change code:	JSR_01 JSR-12				Passive	Count time (e error messa	,	60		
I/O code: Measurement date: Results file name:	19. 08. 19 14:41:13 98J04113. VER				No know	wn alpha cali	bration			
Inspection number: Item id:	BC10 201908				Result	S				
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file On						Sing Doub Trip Scale Scale	les: les: r 1:	1203. 543 - 5. 794 - 0. 000 - 35. 404 - 0. 000 -	← 0. 424 ← 0. 000 ← 0. 243
Error calculation: Accidentals method:	Sample method Measured				Passiv	e cycle raw d	ata			
Inspector name: Passive comment:					Cycle 1 2	Singles 72217 72429	R+A 5979 5998	A 5607 5546	Scaler1 2212 2199	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.08.19 0.0000 +- 19.08.19	0.0000 0.0000 0.0000 0.0000 0.0000		3 4 5 6 7 8 9	72707 72785 72891 73020 72188 73191 72668 72344	5925 6028 6054 6077 5902 5986 5960 5848	5678 5577 5637 5712 5657 5690 5697 5481	2198 2197 2103 2106 2118 2187 2227 2190	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1970 160. 0000 0. 6419 0. 1030 0. 0000 0. 0001				Cycle 1 2 3 4 5 6 7 8 9	Singles 1196, 424 1199, 958 1204, 593 1205, 894 1207, 661 1209, 812 1195, 940 1212, 663 1203, 943 1198, 541	Doub I 6. 2 7. 5 4. 1 7. 5 6. 9 6. 0 4. 0 4. 3 6. 1	02 37 18 20 53 86 84 35	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 +- 0.0000 7.426 +- 0.000)								
Passive doubles bkgrnd:	0. 002 ← 0. 000 (1)								(2)	

```
201908_AFAS-B Top Fork_Position1.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                                        Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                            0.000 +-
                                                                                                                                                                                                                                                                                                                                                                       0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                         Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                           Number passive cycles:
                                                                                                                                                                                                                                                                                      Count time (sec)
                                                           JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                      Passive error messages
                                                           19. 08. 19 09:43:55
98JJ4355. VER
                                                                                                                                                                                                                                                                      No known alpha calibration
             Results
                                                           BT1 201908
                                                                                                                                                                                                                                                                                                                                Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                      1430, 971 +-
                                                           XXXX
                                                                                                                                                                                                                                                                                                                                                                                                           1.395
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                      6. 931 +-
0. 000 +-
2775. 179 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                           0. 680
0. 000
1. 959
0. 000
                                                          On
Sample method
Measured
                                                                                                                                                                                                                                                                      Passive cycle raw data
                                                                                                                                                                                                                                                                                        Singles
86269
86135
86397
                                                                                                                                                                                                                                                                                                                                                                      Scaler1
166859
167034
166061
                                                                                                                                                                                                                                                                                                                                                                                               Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                       R+A
8286
                                                                                                                                                                                                                                                                      Cycle
                                                                                                                                                                                                                                                                                                                                                   A
8020
                                                                                                                                                                                                                                                                                                                                                  7926
7987
7885
8026
7889
8118
                                                                                                                                                                                                                                                                                                                          8209
8500
                        Isotopics id: Default
                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                         8378
8224
8322
8683
                                                                                                                                                                                                                                                                                                                                                                        166354
167174
166180
166251
                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                              85908
                                                                                                                                                                                                                                                                                                                                                                                                             0
0
0
0
0
0
                                                                                           0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                   0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                   0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                              86163
86015
86815
                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                          8525
                                         Pu241:
                                                                                                                                                                                                                                                                             8
                                                                                                                                                                                                                                                                                              86528
                                                                                                                                                                                                                                                                                                                                                   8082
                                                                                                                                                                                                                                                                                                                                                                         166477
                                                                                                                                                                                                                                                                                                                                                    8000
7905
                                         Pu242:
                                                                                                                                                                                                                                                                                              86387
                                                                                                                                                                                                                                                                                                                          8398
8473
                                                                                                                                                                                                                                                                                                                                                                         166537
                                   Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                   19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                           10
                                                                                                                                                                                                                                                                                              86421
                                                                                                                                                                                                                                                                                                                                                                         166675
                                                                                            0.0000
                                                                                                                                                    0.0000
                                                                                                                                                                                                                                                                      Passive cycle rate data
                                                                                                                                                                                                                                                                                                                               Doubles
4. 431
4. 714
8. 548
8. 214
3. 298
7. 214
9. 414
7. 381
6. 631
9. 464
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                              Singles
1430.391
                                                                  1.50
64.00
                                                                                                                                                                                                                                                                      Cvcle
                                                                                                                                                                                                                                                                                                                                                                  Triples
                                                                                                                                                                                                                                                                                                                                                                                                      Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                                     0.000
0.000
0.000
0.000
0.000
                                                              64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                              1428. 158
1432. 524
1424. 374
1428. 624
                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                             1426. 024
1426. 158
1439. 491
1434. 708
1432. 358
1432. 924
                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                             6
                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                     1.0000 +-
 Normalization constant:
                                                                                                   0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     7. 426 +-
0. 002 +-
                                                                                                     (1)
                                                                                                                                                                                                                                                                                                                                                                            (2)
```

	201908_AFAS-B Top Fork	_Position2.txt					20	1908_AFAS	-B Top Fork_	Position2.txt
INCC 5.1.2 Facility:	JMOX				Passi	ve triples bk ve scaler1 bk ve scaler2 bk	grnd:	0. 000 +- 0. 824 0. 000	0.000	
Material balance area: Detector type: Detector id: Electronics id:	JM2G JSR_01 JSR_01 JSR-12				Numb	er passive cy Count time (10 60		
Inventory change code: I/O code:	00K 12				Passiv	e error messa	iges			
Measurement date: Results file name: Inspection number:	19. 08. 19 10:01:59 98JK0159. VER				No kno Result	wn alpha cali s	bration			
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	BT2 201908 XXXX Pu 0.000 Verification Review disk file On						Dou Tri Scal	gles: bles: ples: er 1: er 2:	3830. 531 60. 339 0. 000 679. 359 0. 000	← 1.745 ← 0.000 ← 1.093
Error calculation: Accidentals method:	Sample method Measured				Passiv	e cycle raw d	lata			
Inspector name: Passive comment:					Cycle 1 2	Singles 230288 230234	R+A 60645 59920	A 56582 56424	Scaler1 40734 40999	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default C0 0.0000 0.0000 0.0000 0.0000 100.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.01.01 0.0000 0.0000 00.01.01 0.0000 0.0000 00.01.01	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.08.19 0.0000 +- 19.08.19	0.0000 0.0000 0.0000 0.0000 0.0000		3 4 5 6 7 8 9 10	229975 230335 229716 230167 230952 230651 230518 229938 e cycle rate	59946 60389 59573 60070 60519 60264 60276 60282	56346 56592 56649 56171 57198 56368 56758 56591	40765 40825 40751 40876 41110 40361 40701 40988	O Pass
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0080 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000				Cycle 1 2 3 4 5 6 7 8 9 10	Singles 3830, 708 3829, 808 3825, 491 3831, 491 3821, 174 3828, 691 3841, 774 3836, 758 3834, 541 3824, 874	59. 63. 48. 64. 55. 64. 58.	714 264 998 281 731 981 348 931	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass OC Tests 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	ı								
Passive singles bkgrnd: Passive doubles bkgrnd:	7. 426 +- 0. 000 0. 002 +- 0. 000									
	(1)								(2)	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                 Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                       0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                    0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                  Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                                    Number passive cycles:
                                                                                                                                                                                                                                                                                                Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                               Passive error messages
                                                             19. 08. 19 10:18:03
98JK1803. VER
                                                                                                                                                                                                                                                                               No known alpha calibration
             Results
                                                             BT3 201908
                                                                                                                                                                                                                                                                                                                                           Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                52956, 139 +-
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                       13, 389
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                11176. 134 +-
0. 000 +-
169. 063 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                      37. 484
0. 000
0. 533
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                               Passive cycle raw data
                                                                                                                                                                                                                                                                                                 Singles
3179586
3175860
3175298
                                                                                                                                                                                                                                                                                                                          R+A
11454544
11432148
11421754
                                                                                                                                                                                                                                                                                                                                                                                   Scaler1
10184
10178
10181
                                                                                                                                                                                                                                                                                                                                                                                                             Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                Cycle
                                                                                                                                                                                                                                                                                                                                                     A
10784970
10762160
10754139
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                    10754139
10772526
10758941
10776844
10777745
10743681
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                  3177277
3176851
3178766
3178849
                                                                                                                                                                                                                                                                                                                          11429004
11444383
11445623
11452251
                                                                                                                                                                                                                                                                                                                                                                                       10125
10168
10337
9981
                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                           0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                   8
9
10
                                                                                                                                                                                                                                                                                                 3173634
3179647
3182371
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                           11414934
                                          Pu241:
                                                                                                                                                                                                                                                                                                                                                                                       10329
                                          Pu242:
                                                                                                                                                                                                                                                                                                                          11455813
11470962
                                                                                                                                                                                                                                                                                                                                                      10783082
10801646
                                                                                                                                                                                                                                                                                                                                                                                        10229
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                       19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                                                                                                                       10220
                                                                                               0.0000
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                               Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                            Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                    Singles
52985.674
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                               Cvcle
                                                                                                                                                                                                                                                                                                                                       Doubles
11159, 564
                                                                                                                                                                                                                                                                                                                                                                                                                    Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                     52923. 574
52914. 208
52947. 191
52940. 091
                                                                                                                                                                                                                                                                                                                                       11166. 464
11126. 914
10941. 298
11424. 031
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                       11146. 314
11241. 764
11187. 548
11212. 181
11155. 264
                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                      6
7
                                                                                                                                                                                                                                                                                                     52972.008
                                                                                                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                                    52972. 000
52973. 391
52886. 474
52986. 691
53032. 091
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
 Normalization constant:
                                                                                                      0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       7. 426 +-
0. 002 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                         (2)
```

	201908_AFAS-B Top Fork_Position4.txt	201908_AFAS-B Top Fork_Position4.txt
INCC 5. 1. 2		Passive triples bkgrnd: $0.000 \leftarrow 0.000$ Passive scaler1 bkgrnd: 0.824
Facility: Material balance area: Detector type:	JMOX JM2G JSR_01	Passive scaler2 bkgrnd: 0.000 Number passive cycles: 10
Detector id: Electronics id: Inventory change code:	JSR 01 JSR-12	Count time (sec): 60 Passive error messages
I/O code: Measurement date: Results file name:	19. 08. 19 10:35:08 98.K3508. VER	No known alpha calibration
Inspection number: Item id: Stratum id:	BT4 201908 XXXX	Results Singles: 6854.421 +- 2.534
Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file	Doubles: 187.691 ← 3.282 Triples: 0.000 ← 0.000 Scaler 1: 57.429 ← 0.311 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 412237 1935773 181270 3491 0 Pass 2 411714 191744 180396 3361 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241	Default C0 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 19.08.19 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000	3 411139 191416 179671 3490 0 Pass 4 411689 192216 180228 3486 0 Pass 5 412492 192517 182180 3529 0 Pass 6 412106 192282 181660 3481 0 Pass 7 411570 191963 181042 3547 0 Pass 8 411389 191851 180506 3468 0 Pass 9 411819 191180 180418 3585 0 Pass 10 410953 191229 179984 3514 0 Pass
Am date:	00.01.01 19.08.19	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0080 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001 0. 0001	Cycle Singles Doubles Triples Mass QC Tests 1 6863.191 205.048 0.000 0.000 Pass 2 6854.474 189.131 0.000 0.000 0.000 Pass 3 6844.891 195.748 0.000 0.000 Pass 4 6854.058 199.798 0.000 0.000 Pass 5 6867.441 172.281 0.000 0.000 Pass 6 6861.008 177.031 0.000 0.000 Pass 7 6852.074 182.014 0.000 0.000 Pass 9 6856.224 179.364 0.000 0.000 Pass 10 6841.791 187.414 0.000 0.000 Pass
Normalization constant:	1.0000 ÷ 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	7. 426 +- 0. 000 0. 002 +- 0. 000	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                  Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                        0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                      0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                   Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                                                     Number passive cycles:
                                                                                                                                                                                                                                                                                                 Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                Passive error messages
                                                             19. 08. 19 10:50:12
98JK5012. VER
                                                                                                                                                                                                                                                                                No known alpha calibration
             Results
                                                             BT5 201908
                                                                                                                                                                                                                                                                                                                                            Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                   2840, 816 +-
                                                                                                                                                                                                                                                                                                                                                                                                                          1. 755
                                                             XXXX
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                        31. 244 +-
0. 000 +-
49. 779 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                          1. 055
0. 000
0. 239
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                                Passive cycle raw data
                                                                                                                                                                                                                                                                                                  Singles
171076
                                                                                                                                                                                                                                                                                                                                   R+A
33023
32982
33163
                                                                                                                                                                                                                                                                                                                                                                                    Scaler 1
3061
3078
2987
                                                                                                                                                                                                                                                                                                                                                                                                              Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                 Cycle
                                                                                                                                                                                                                                                                                                                                                             A
31027
31194
30973
                                                                                                                                                                                                                                                                                                       170643
170463
                         Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                   33006
32672
33373
32679
                                                                                                                                                                                                                                                                                                                                                             31324
30947
31471
31170
                                                                                                                                                                                                                                                                                                                                                                                           3065
2985
3121
2990
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                       170836
                                                                                                                                                                                                                                                                                                                                                                                                                            0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                      170694
171243
170466
                                                                                                                                                                                                                                                                                                                                                                                           3022
3044
3009
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
                                          Pu241:
                                                                                                                                                                                                                                                                                                      170889
                                                                                                                                                                                                                                                                                                                                   32865
                                                                                                                                                                                                                                                                                                                                                              30852
                                          Pu242:
                                                                                                                                                                                                                                                                                                      171251
171384
                                                                                                                                                                                                                                                                                                                                   33184
33375
                                                                                                                                                                                                                                                                                                                                                              31271
31345
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                        19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                      10
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                              Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                        Singles
2843.841
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                Cvcle
                                                                                                                                                                                                                                                                                                                                            Doubles
33, 264
                                                                                                                                                                                                                                                                                                                                                                                                                     Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                         2836. 624
2833. 624
2839. 841
2837. 474
                                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                               29. 798
36. 498
28. 031
28. 748
31. 698
25. 148
33. 548
31. 881
33. 831
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                       6
7
                                                                                                                                                                                                                                                                                                         2846. 624
2833. 674
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
                                                                                                                                                                                                                                                                                                        2840. 724
2846. 758
2848. 974
                                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       7. 426 +-
0. 002 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                          (2)
```

	201908_AFAS-B Top Fork_Position6.txt	201908_AFAS-B Top Fork_Position6.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.824 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JSR_01	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name:	19. 08. 19 13:31:55 98JN3155. VER	No known alpha calibration
Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option: Data_oource:	Pu 0.000 Verification Review disk file	Results Singles: 895.381 +- 1.623 Doubles: 3.076 +- 0.433 Triples: 0.000 +- 0.000 Scaler 1: 71.218 +- 0.281 Scaler 2: 0.000 +- 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	measureu	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 54183 3247 3207 4399 0 Pass 2 53892 3365 3087 4344 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3 54548 3348 3152 4258 0 Pass 4 54314 3240 3155 4219 0 Pass 5 53529 3292 3060 4322 0 Pass 6 54496 3331 3063 4384 0 Pass 7 54394 3298 3194 4330 0 Pass 8 54258 3435 3185 4315 0 Pass 9 54009 3405 3185 4315 0 Pass 10 54061 3371 3195 4343 0 Pass Pass 9 Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Coefficient Geadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 895.624 0.664 0.000 0.000 Pass 2 890.774 4.631 0.000 0.000 Pass 3 901.708 3.264 0.000 0.000 Pass 4 897.808 1.414 0.000 0.000 Pass 5 884.724 3.864 0.000 0.000 Pass 6 900.841 4.464 0.000 0.000 Pass 7 899.141 1.731 0.000 0.000 Pass 8 896.874 4.164 0.000 0.000 Pass 9 892.724 3.631 0.000 0.000 Pass 10 893.591 2.931 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	7. 426 +- 0. 000 0. 002 +- 0. 000	
	(1)	(2)

```
201908_AFAS-B Top Fork_Position7.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                                               Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                    0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                 0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                  Number passive cycles:
                                                                                                                                                                                                                                                                                              Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                             Passive error messages
                                                            19. 08. 19 13:51:00
98JN5100. VER
                                                                                                                                                                                                                                                                             No known alpha calibration
             Results
                                                            BT7 201908
                                                                                                                                                                                                                                                                                                                                        Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                1100,829 +-
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                     1.637
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                 4. 718 +-
0. 000 +-
117. 904 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 364
0. 000
0. 302
0. 000
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                             Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                               Scaler1
7147
7149
7097
7248
7045
7052
7143
                                                                                                                                                                                                                                                                                               Singles
66457
67127
65960
                                                                                                                                                                                                                                                                                                                                R+A
5026
5109
5009
                                                                                                                                                                                                                                                                                                                                                                                                         Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                             Cycle
                                                                                                                                                                                                                                                                                                                                                           A
4744
4738
4772
4727
4755
4632
4784
4699
4799
4655
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                      66528
66276
66255
66694
                                                                                                                                                                                                                                                                                                                                 5094
4967
4956
4933
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                        0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                      0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                      7104
7120
7132
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
                                                                                                                                                                                                                                                                                  8
9
10
                                                                                                                                                                                                                                                                                                      66520
66676
                                                                                                                                                                                                                                                                                                                                  5015
                                          Pu241:
                                          Pu242:
                                                                                                                                                                                                                                                                                                                                  5098
4930
                                    Pu242:
Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                       19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                                      66460
                                                                                              0.0000
                                                                                                                                                        0.0000
                                                                                                                                                                                                                                                                             Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                          Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                      Singles
1100.191
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                             Cvcle
                                                                                                                                                                                                                                                                                                                                        Doub I es
                                                                                                                                                                                                                                                                                                                                                                                                                 Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                             4. 698
6. 181
3. 948
6. 114
3. 531
                                                               64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                      1111. 358
1091. 908
1101. 374
1097. 174
                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                             5. 398
2. 481
5. 264
4. 981
4. 581
                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                    6
7
                                                                                                                                                                                                                                                                                                      1096.824
                                                                                                                                                                                                                                                                                                      1104 141
                                                                                                                                                                                                                                                                                                      1101. 241
1103. 841
1100. 241
                                                                      1.0000 +-
                                                                                                      0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      7. 426 +-
0. 002 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                      (2)
```

	201908_AFAS-B To	p Fork_Po	osition8.tx1					2019	08_AFAS-	-B Top Fork_I	Position8.txt
INCC 5.1.2 Facility:	JMOX					Passiv	e triples bk; e scaler1 bk; e scaler2 bk;	grnd: 0	. 000 +- . 824 . 000	0.000	
Material balance area: Detector type: Detector id: Electronics id:	JSR_01						r passive cy Count time (10 60		
Inventory change code: I/O code:	00N 12					Passive	error messa	ges			
Measurement date: Results file name: Inspection number:	19. 08. 19 14:09:0 98J00905. VER	05				No know Results	n alpha calil	oration			
Item id: Stratum id: Material type: Original declared mass: Measurement option:	XXXX Pu 0.000 Verification Review disk file					Results		Singl Doubl Tripl Scaler Scaler	es: es: 1:	629. 524 1. 829 0. 000 46. 578 0. 000	→ 0.153→ 0.000→ 0.314
Error calculation: Accidentals method: Inspector name: Passive comment:						Passive Cycle 1	cycle raw da Singles 38294	R+A 1696	A 1528	Scaler1 2795	Scaler2 QC Tests 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	00 0.0000 +- 0.0 0.0000 +- 0.0 100.0000 +- 0.0 0.0000 +- 0.0 0.001.01 0.0000 +- 0.0	0000 0000 10 0000 0000 19	0.0000 +- 0.0000 +- 0.0000 +- 0.0000 +- 0.0000 +- 0.08.19 0.0000 +-	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000		2 3 4 5 6 7 8 9	37994 38436 38354 38088 38267 37848 38593 38015 38281	1645 1669 1693 1637 1661 1582 1724 1643 1647	1541 1574 1595 1505 1541 1529 1614 1537 1534	2817 2863 2968 2867 2831 2854 2752 2804 2890	O Pass
Am date: Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	00. 01. 01 1. 50 64. 00 64. 00 1720 50. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	19	9. 08. 19			Passive Cycle 1 2 3 4 5 6 7 8 9 10	Singles 630, 808 625, 808 633, 174 631, 808 627, 374 630, 358 623, 374 635, 791 626, 158 630, 591	Double 2. 79 1. 73 1. 58 1. 63 2. 19 1. 99 0. 88 1. 83 1. 76 1. 88	8 1 1 1 8 8 1 1 1	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant: Passive singles bkgrnd:	7. 426 +	0.0000									
Passive doubles bkgrnd:	0.002 +-	0.000								(4)	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                         Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                  0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                          Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                            Number passive cycles:
                                                                                                                                                                                                                                                                                                         Count time (sec)
                                                               JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                       Passive error messages
                                                               19. 08. 19 14:25:09
98J02509. VER
                                                                                                                                                                                                                                                                                       No known alpha calibration
             Results
                                                               BT9 201908
                                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                               1216, 814 +-
                                                               XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                     1, 240
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                   5. 718 +-
0. 000 +-
31. 269 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                     0. 610
0. 000
0. 259
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                       Passive cycle raw data
                                                                                                                                                                                                                                                                                                           Singles
73184
                                                                                                                                                                                                                                                                                                                                            R+A
6156
6104
6237
                                                                                                                                                                                                                                                                                                                                                                                              Scaler1
1951
1930
1830
                                                                                                                                                                                                                                                                                                                                                                                                                         Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                        Cycle
                                                                                                                                                                                                                                                                                                                                                                         A
5703
5728
5666
                                                                                                                                                                                                                                                                                                                 73381
73796
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                              6094
6164
6165
6130
6072
                                                                                                                                                                                                                                                                                                                                                                                                      1935
1894
1887
1991
1920
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                 73287
73700
73616
73380
                                                                                                                                                                                                                                                                                                                                                                         5778
5836
5876
5810
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                                        0
0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                            0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                73090
73678
73432
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
                                                                                                                                                                                                                                                                                             8
9
10
                                                                                                                                                                                                                                                                                                                                                                          5684
                                            Pu241:
                                            Pu242:
                                                                                                                                                                                                                                                                                                                                              6099
5936
                                                                                                                                                                                                                                                                                                                                                                          5852
5792
                                                                                                                                                                                                                                                                                                                                                                                                      1996
1922
                                      Pu242:
Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                           19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                  0.0000
                                                                                                                                                              0.0000
                                                                                                                                                                                                                                                                                       Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                        Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                 Singles
1212.308
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                                                     Doubles
7. 548
6. 264
9. 514
5. 264
5. 464
4. 814
5. 331
6. 464
4. 114
2. 398
                                                                                                                                                                                                                                                                                       Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                                Mass QC Tests
0.000 Pass
                                                                  64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                 1215. 591
1222. 508
1214. 024
1220. 908
                                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                1219. 508
1215. 574
1210. 741
1220. 541
1216. 441
                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                               6
                                                                         1.0000 +-
                                                                                                          0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         7. 426 +-
0. 002 +-
                                                                                                            (1)
                                                                                                                                                                                                                                                                                                                                                                                                    (2)
```

	201908_AFAS-B Top Fo	rk_Position10.t	« t			2019	08_AFAS-	B Top Fork_Po	sition10.txt
INCC 5.1.2 Facility:	JMOX			Passiv	ve triples bkg ve scaler1 bkg ve scaler2 bkg	grnd:	0. 000 +- 0. 824 0. 000	0.000	
Material balance area: Detector type: Detector id: Electronics id:	JM2G JSR_01 JSR_01 JSR-12				er passive cyc Count time (s		10 60		
Inventory change code: I/O code:	50K 12			Passive	e error messag	ges			
Measurement date: Results file name:	19. 08. 19 14:41:13 98J04113. VER				wn alpha calib	oration			
Inspection number: Item id: Stratum id:	BT10 201908 XXXX			Results	5	Sing	les:	1203.308 +	- 1. 802
Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file					Doub Trip Scale Scale	les: r 1:	5. 789 + 0. 000 + 35. 404 + 0. 000 +	- 0. 000 - 0. 243
QC tests: Error calculation: Accidentals method:	On Sample method Measured			Passive	e cycle raw da			0.000	0.000
Inspector name: Passive comment:				Cycle 1 2	Singles 72217 72429	R+A 5979 5998	A 5607 5546	Scaler1 2212 2199	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default CO	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.08.19 0.0000 +-	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	3 4 5 6 7 8 9	72707 72785 72891 73020 72188 73191 72668 72344	5925 6028 6054 6077 5902 5986 5960 5848	5678 5577 5637 5712 5657 5690 5697 5481	2198 2197 2103 2106 2118 2187 2227 2190	O Pass
Am date:	00. 01. 01	19. 08. 19			cycle rate o				
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001			Cycle 1 2 3 4 5 5 6 7 8 9 10	Singles 1196. 191 1199. 724 1204. 358 1205. 658 1207. 424 1209. 574 1195. 708 1212. 424 1203. 708 1198. 308	Double 6. 1: 7. 5. 4. 1 7. 5 6. 9 6. 0: 4. 0: 4. 3: 6. 1	98 31 14 14 48 81 81 31	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass 0C Tests 0.000 Pass
Normalization constant:	1.0000 +- 0.00	000							
Passive singles bkgrnd: Passive doubles bkgrnd:	7. 426 +- 0. 00 0. 002 +- 0. 00								
	(1)							(2)	

201908_AFAS-P Bottom Fork_Position1.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                           Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                   0.000 +-
1.013
                                                                                                                                                                                                                                                                                                                                                                                                  0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                            Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                              Number passive cycles:
                                                                                                                                                                                                                                                                                                           Count time (sec)
                                                               JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                         Passive error messages
                                                               19. 08. 19 09:43:55
98JJ4355. VER
                                                                                                                                                                                                                                                                                         No known alpha calibration
              Results
                                                               PB1 201908
                                                                                                                                                                                                                                                                                                                                                       Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                               XXXX
                                                                                                                                                                                                                                                                                                                                                                                                 1145, 577 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                        1.792
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                     5. 036 +-
0. 000 +-
54. 822 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                        0. 523
0. 000
0. 299
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                         Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                              R+A
5429
5524
5395
                                                                                                                                                                                                                                                                                                                                                                                                 Scaler 1
3369
3294
3402
                                                                                                                                                                                                                                                                                                                                                                                                                           Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                          Cycle
                                                                                                                                                                                                                                                                                                                                                                           A
5046
5188
5160
5191
5088
5175
5218
                                                                                                                                                                                                                                                                                                                   69587
69500
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                                       3381
3336
3249
3398
3433
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                  69790
69375
69393
68823
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                5445
5385
5536
5304
5413
5409
5464
                                                                                                                                                                                                                                                                                                                                                                                                                                          0
0
0
0
0
0
                                                                                                  0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                             0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
                                                                                                                                                                                                                                                                                               8
9
10
                                                                                                                                                                                                                                                                                                                                                                            5150
4974
                                            Pu241:
                                                                                                                                                                                                                                                                                                                   69137
                                            Pu242:
                                                                                                                                                                                                                                                                                                                   68671
                                                                                                                                                                                                                                                                                                                                                                                                        3307
3332
                                      Pu242:
Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                            19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                                                   69364
                                                                                                   0.0000
                                                                                                                                                               0.0000
                                                                                                                                                                                                                                                                                         Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                          Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                       Doubles
6. 384
5. 601
3. 917
4. 234
4. 951
                                                                                                                                                                                                                                                                                                                   Singles
1143.937
                                                                       1.50
64.00
                                                                                                                                                                                                                                                                                         Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                                   Mass QC Tests
0.000 Pass
                                                                  64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                  1143. 937
1150. 654
1149. 204
1154. 037
1147. 120
1147. 420
1137. 920
1143. 154
1135. 387
1146. 937
                                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                6
7
                                                                                                                                                                                                                                                                                                                                                             6. 017
1. 434
                                                                                                                                                                                                                                                                                                                                                             4. 384
7. 251
6. 184
                                                                          1.0000 +-
                                                                                                          0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                          9. 130 +-
-0. 001 +-
                                                                                                            (1)
                                                                                                                                                                                                                                                                                                                                                                                                       (2)
```

	201908_AFAS-P Bottom Fork_Position2.txt	201908_AFAS-P Bottom Fork_Position2.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 +- 0.000 Passive scaler1 bkgrnd: 1.013 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JSR_03 JSR_03	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name:	19. 08. 19 10:01:59 98JK0159. VER	No known alpha calibration
Inspection number: Item id:		Results
Stratum id: Material type: Original declared mass:	Pu 0. 000	Singles: 1410.174 +- 1. 465 Doubles: 7. 291 +- 0. 802 Triples: 0. 000 +- 0. 000
Measurement option: Data source: QC tests:	Review disk file	Scaler 1: 46.974 +- 0.346 Scaler 2: 0.000 +- 0.000
Error calculation: Accidentals method:	Sample method	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 85308 8234 7970 2866 0 Pass 2 85372 8216 7832 2892 0 Pass
Isotopics id: Isotopics source code: Pu238:	CO 0.0000 +- 0.0000 0.0000 +- 0.0000	3 85062 8244 7757 2797 0 Pass 4 84943 8425 7651 2957 0 Pass 5 84999 8157 7651 2862 0 Pass
Pu239: Pu240: Pu241:	0.0000 +- 0.0000	6 85580 8252 7758 2916 0 Pass 7 85560 8347 8002 2823 0 Pass 8 84841 8140 7631 2965 0 Pass
Pu242: Pu date: Am241:	0.0000 +- 0.0000	9 84844 8107 7760 2778 0 Pass 10 85073 8024 7760 2936 0 Pass
	00. 01. 01 19. 08. 19	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0127 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	Cycle Singles Doubles Triples Mass QC Tests 1 1412.670 4.401 0.000 0.000 Pass 2 1413.737 6.401 0.000 0.000 Pass 3 1408.570 8.117 0.000 0.000 Pass 4 1406.587 12.901 0.000 0.000 Pass 5 1407.520 8.434 0.000 0.000 Pass 6 1417.204 8.234 0.000 0.000 Pass 7 1416.870 5.751 0.000 0.000 Pass 8 1404.887 8.484 0.000 0.000 Pass 9 1404.937 5.784 0.000 0.000 Pass 10 1408.754 4.401 0.000 0.000 Pass
Triples gate fraction: Normalization constant:	0.0001 1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	9. 130 ← 0. 000 -0. 001 ← 0. 000	

201908_AFAS-P Bottom Fork_Position3.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                      Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                             0.000 +-
1.013
                                                                                                                                                                                                                                                                                                                                                                                            0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                                         Number passive cycles:
                                                                                                                                                                                                                                                                                                      Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                    Passive error messages
                                                              19. 08. 19 10:18:04
98JK1804. VER
                                                                                                                                                                                                                                                                                    No known alpha calibration
             Results
                                                              PB3 201908
                                                                                                                                                                                                                                                                                                                                                 Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                            761.617 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                 1, 218
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                              2. 551 +-
0. 000 +-
61. 052 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 536
0. 000
0. 230
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                    Passive cycle raw data
                                                                                                                                                                                                                                                                                                       Singles
46518
46355
45853
                                                                                                                                                                                                                                                                                                                                         R+A
2529
2437
2473
                                                                                                                                                                                                                                                                                                                                                                                          Scaler 1
3764
3703
3660
                                                                                                                                                                                                                                                                                                                                                                                                                    Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                                                      A
2266
                                                                                                                                                                                                                                                                                                                                                                      2306
2144
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                                3779
3674
3747
3689
3707
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                     2210
2270
2211
2251
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                              46152
                                                                                                                                                                                                                                                                                                                                          2420
2401
2430
2287
2421
2421
2478
                                                                                                                                                                                                                                                                                                                                                                                                                                   0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                             46099
46074
46046
46478
                                                                                                                                                                                                                                                                                                                                                                     2302
2417
2390
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
                                                                                                                                                                                                                                                                                          8
9
10
                                           Pu241:
                                           Pu242:
                                                                                                                                                                                                                                                                                                              46352
                                                                                                                                                                                                                                                                                                                                                                                                 3734
3782
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                          19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                                              46521
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                    Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                    Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                 Doubles
4. 384
2. 184
5. 484
3. 501
2. 184
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                               Singles
766.170
                                                                                                                                                                                                                                                                                    Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
0.000 Pass
                                                                 64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                763. 454
755. 087
760. 070
759. 187
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                               758. 770
758. 304
765. 504
763. 404
766. 220
                                                                                                                                                                                                                                                                                                                                                      3. 651
0. 601
1. 984
0. 067
1. 467
                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                           6
7
                                                                        1.0000 +-
                                                                                                        0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        9. 130 +-
-0. 001 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                (2)
```

	201908_AFAS-P Bottom	Fork_Position4.	txt				2019	08_AFAS-P	Bottom Fork	_Position4.txt
INCC 5.1.2 Facility:	JMOX				Passiv	e triples bk e scaler1 bk e scaler2 bk	grnd:	0. 000 +- 1. 013 0. 000	0.000	
Material balance area: Detector type: Detector id:	JM2G JSR_03 JSR_03				Numbe	r passive cy Count time (cles:	10 60		
Electronics id: Inventory change code: I/O code:	JSR-12			P	Passive	error messa	ges			
Measurement date: Results file name:	19. 08. 19 10:35:08 98JK3508. VER					m alpha cali	bration			
Inspection number: Item id: Stratum id:				R	Results	i	Sins	gles:	1608. 717	÷ 1, 423
Material type: Original declared mass: Measurement option: Data source: QC tests:	Pu 0.000 Verification Review disk file On								9. 399 0. 000 266. 119 0. 000	+- 0. 000 +- 0. 520
Error calculation: Accidentals method:	Sample method Measured			P	Passive	cycle raw d	ata			
Inspector name: Passive comment:				C	Cycle 1 2	97088 97016	R+A 10604 10733	A 10062 10204	Scaler1 15838 16126	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default CO	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.08.19 0.0000 +-	0.0000 0.0000 0.0000 0.0000 0.0000		3 4 5 6 7 8 9	97291 97095 96779 97372 97060 97458 97001 96548	10838 10574 10645 10488 10589 10795 10628 10442	9957 10113 10101 10071 9942 10315 9977 9955	15976 15921 16003 16077 16025 16113 16159 16041	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Am date:		19. 08. 19				cycle rate				
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0127 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001			c	2 1 2 3 4 5 6 7 8 9 10	Singles 1609. 004 1607. 804 1612. 387 1609. 120 1603. 854 1613. 737 1608. 537 1615. 170 1607. 554 1600. 004	Doub 9.0 8.8 14.6 7.6 9.0 6.9 10.7 8.0 10.8	034 817 684 684 067 951 784 001	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 +- 0.00 9.130 +- 0.00									
Passive doubles bkgrnd:	-0.001 +- 0.00									

201908_AFAS-P Bottom Fork_Position5.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                   Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                        0.000 +-
1.013
                                                                                                                                                                                                                                                                                                                                                                                      0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                   Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                                     Number passive cycles:
                                                                                                                                                                                                                                                                                                  Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                Passive error messages
                                                             19. 08. 19 10:50:12
98JK5012. VER
                                                                                                                                                                                                                                                                                No known alpha calibration
             Results
                                                             PB5 201908
                                                                                                                                                                                                                                                                                                                                             Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                      1433, 429 +-
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                           1, 404
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                       7. 932 +-
0. 000 +-
143. 135 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 647
0. 000
0. 473
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                                Passive cycle raw data
                                                                                                                                                                                                                                                                                                   Singles
86519
86217
                                                                                                                                                                                                                                                                                                                                    R+A
8350
8526
8463
                                                                                                                                                                                                                                                                                                                                                                                     Scaler 1
8447
8638
8701
                                                                                                                                                                                                                                                                                                                                                                                                               Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                 Cycle
                                                                                                                                                                                                                                                                                                                                                                A
7926
7956
7883
                         Isotopics id: Default
                                                                                                                                                                                                                                                                                                         86263
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                     8545
8341
8497
8380
8537
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                           8696
8707
8573
8753
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                         86699
                                                                                                                                                                                                                                                                                                                                                                 8028
7950
8072
7919
7964
7856
8149
                                                                                                                                                                                                                                                                                                                                                                                                                             0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                         86447
86783
86249
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
                                                                                                                                                                                                                                                                                      8
9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                         86877
                                                                                                                                                                                                                                                                                                                                                                                           8617
                                           Pu242:
                                                                                                                                                                                                                                                                                                         86531
                                                                                                                                                                                                                                                                                                                                      8469
                                                                                                                                                                                                                                                                                                                                                                                           8634
8723
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                        19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                                         86950
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                              Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                         Singles
1432.854
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                                                            Doubles
7. 067
9. 501
9. 667
8. 617
6. 517
7. 084
7. 684
9. 551
10. 217
3. 417
                                                                                                                                                                                                                                                                                Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                      Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                         1427. 820
1428. 587
1435. 854
1431. 654
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                        6
                                                                                                                                                                                                                                                                                                         1437. 254
1428. 354
                                                                                                                                                                                                                                                                                                         1438. 820
1433. 054
1440. 037
                                                                       1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       9. 130 +-
-0. 001 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                           (2)
```

	201908_AFAS-P Bottom Fo	ork_Position6.t	xt			20190	08_AFAS-P	Bottom Fork	Position6. txt
INCC 5.1.2 Facility:	JMOX			Passiv	e triples bkg e scaler1 bkg e scaler2 bkg	grnd:	0. 000 +- 1. 013 0. 000	0. 000	
Material balance area: Detector type: Detector id: Electronics id:	JM2G JSR_03 JSR_03 JSR-12				r passive cyc Count time (s		10 60		
Inventory change code:	03N-12			Passive	error messag	ges			
Measurement date: Results file name:	19. 08. 19 13:31:55 98JN3155, VER			No know	n alpha calib	oration			
Inspection number: Item id:	PB6 201908			Results	i				
Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification Review disk file					Sing Doub Trip Scale Scale	les: les: r 1:	1942. 030 + 12. 447 + 0. 000 + 70. 799 + 0. 000 +	- 0. 714 - 0. 000 - 0. 195
QC tests: Error calculation: Accidentals method:	On Sample method Measured			Passive	cycle raw da	ita			
Inspector name: Passive comment:	measured			Cycle 1 2	Singles 116935 117288	R+A 15441 15543	A 14697 14601	Scaler1 4252 4336	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.08.19 0.0000 +-	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	3 4 5 6 7 8 9	117293 116393 117108 117294 116854 117218 116940 117373	15390 15261 15458 15401 15370 15499 15360 15515	14602 14707 14869 14743 14530 14591 14539 14891	4328 4273 4349 4333 4299 4267 4292 4358	O Pass
Am date:	00. 01. 01	19. 08. 19			cycle rate o				
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.0127 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001			Cycle 1 2 2 3 4 5 5 6 7 8 8 9 10	Singles 1939. 787 1945. 670 1945. 754 1930. 754 1942. 670 1945. 770 1938. 437 1944. 504 1939. 870 1947. 087	Doub I 12. 4 15. 7 13. 1 9. 2 9. 8 10. 9 14. 0 15. 1 13. 6	01 01 34 34 17 67 01 34	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	0							
Passive singles bkgrnd: Passive doubles bkgrnd:	9. 130 + 0. 000 -0. 001 + 0. 000								
	(1)							(2)	

201908_AFAS-P Bottom Fork_Position7.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                 Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                       0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                     0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                  Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                                    Number passive cycles:
                                                                                                                                                                                                                                                                                                Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                               Passive error messages
                                                             19. 08. 19 13:51:00
98JN5100. VER
                                                                                                                                                                                                                                                                               No known alpha calibration
             Results
                                                             PB7 201908
                                                                                                                                                                                                                                                                                                                                           Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                    4988, 480 +-
                                                                                                                                                                                                                                                                                                                                                                                                                         2.501
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                     103. 724 +-
0. 000 +-
112. 609 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                         4. 350
0. 000
0. 328
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                               Passive cycle raw data
                                                                                                                                                                                                                                                                                                  Singles
299712
299454
299713
                                                                                                                                                                                                                                                                                                                                R+A
102116
101817
101644
                                                                                                                                                                                                                                                                                                                                                                                   Scaler1
6956
6815
6735
                                                                                                                                                                                                                                                                                                                                                                                                             Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                Cycle
                                                                                                                                                                                                                                                                                                                                                            A
96365
95424
95987
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                103214
100957
102454
101533
101094
                                                                                                                                                                                                                                                                                                                                                            95347
95288
95409
95281
96200
95488
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                     300867
299717
300075
299249
                                                                                                                                                                                                                                                                                                                                                                                          6873
6787
6836
6810
                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                           0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
                                                                                                                                                                                                                                                                                     8
9
10
                                                                                                                                                                                                                                                                                                     299971
                                          Pu241:
                                                                                                                                                                                                                                                                                                                                                                                          6800
                                          Pu242:
                                                                                                                                                                                                                                                                                                     299487
300321
                                                                                                                                                                                                                                                                                                                                101649
102546
                                                                                                                                                                                                                                                                                                                                                                                          6753
                                     Pu242:
Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                        19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                                                                                                                          6808
                                                                                               0.0000
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                               Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                             Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                        Singles
4986. 070
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                               Cvcle
                                                                                                                                                                                                                                                                                                                                           Doubles
95. 851
                                                                                                                                                                                                                                                                                                                                                                                                                    Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                        4981. 770
4986. 087
5005. 320
4986. 154
                                                                                                                                                                                                                                                                                                                                            106. 551
94. 284
131. 117
94. 484
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                      6
                                                                                                                                                                                                                                                                                                        4992. 120
4978. 354
                                                                                                                                                                                                                                                                                                                                             117, 417
                                                                                                                                                                                                                                                                                                                                             104 201
                                                                                                                                                                                                                                                                                                                                            81. 567
102. 684
109. 084
                                                                                                                                                                                                                                                                                                        4976. 334
4990. 387
4982. 320
4996. 220
                                                                       1.0000 +-
 Normalization constant:
                                                                                                       0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       9. 130 +-
-0. 001 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                         (2)
```

	201908_AFAS-P Botto	m Fork_Position8.1	xt				20	1908_AFAS-F	Bottom For	k_Position	B. txt
INCC 5. 1. 2					Passi	ve triples b	nkarnd:	0.000 +-	0,000		
Facility:	JMOX				Passi	ve scaler1 b ve scaler2 b	okgrnd:	1. 013 0. 000	0.000		
Material balance area: Detector type: Detector id:	JM2G JSR_03 JSR 03				Numb	er passive o		10 60			
Electronics id: Inventory change code:	JSR-12				Passiv	e error mess		60			
I/O code: Measurement date:	19.08.19 14:08:04				No know	wn alpha cal	libration				
Results file name: Inspection number: Item id:	98J00804. VER PB8 201908				Result	s					
Stratum id: Material type:	Pu						Do	ngles: oubles:	43418. 430 7398. 847	+- 25.7	55
Original declared mass: Measurement option: Data source:	0.000 Verification Review disk file						Sca	iples: iler 1: iler 2:	0. 000 350. 777 0. 000	+- 0.6	17
QC tests: Error calculation:	On Sample method				Passiv	e cycle raw					
Accidentals method: Inspector name: Passive comment:	Measured				Cycle 1	Singles 2607039	R+A 7695743	A 7251588	Scaler1 21186	Scaler2 0	QC Tests Pass
Isotopics id:	Default				2	2607074 2605781	7695877 7685407	7247286 7244228	21157 21131	0	Pass Pass
Isotopics source code: Pu238: Pu239:	0.0000 +- 0.000 0.0000 +- 0.000		0. 0000 0. 0000		4 5 6	2606336 2604134 2604935	7687474 7674115 7677986	7246406 7228358 7248859	21176 21127 21079	0 0 0	Pass Pass Fail A/S test
Pu240: Pu241:	100.0000 +- 0.000 0.0000 +- 0.000	0.0000 +-	0. 0000 0. 0000		7 8	2603846 2605386	7678557 7685697	7228660 7236226	21188 21198	0	Pass Pass
Pu242: Pu date: Am241:	0.0000 +- 0.000 00.01.01 0.0000 +- 0.000	19. 08. 19	0.0000		9 10 11	2606392 2603357 2607191	7689656 7667373 7693482	7249832 7232925 7248564	20868 20916 21127	0 0 0	Pass Pass Pass
Am date:	00. 01. 01	19. 08. 19				e cycle rate					
Predelay: Gate length: 2nd gate length:	1.50 64.00 64.00				Cycle 1	Singles 43441,520		bles 584	Triples 0.000	Mass 0, 000	QC Tests Pass
High voltage: Die away time:	1720 50. 0000				2	43442. 104 43420. 554	7476 7352	i. 517 I. 984	0. 000 0. 000	0. 000 0. 000	Pass Pass
Efficiency: Multiplicity deadtime: Coefficient A deadtime:	0. 0127 0. 0000 0. 0000				4 5 6	43429. 804 43393. 104 43406. 454	7429	. 134). 284 !. 117	0. 000 0. 000 0. 000	0. 000 0. 000 0. 000	Pass
Coefficient B deadtime: Coefficient C deadtime:	0. 0000 0. 0000				7	43388. 304 43413. 970	7498 7491	3. 284 . 184	0. 000 0. 000	0. 000 0. 000	Pass Pass
Doubles gate fraction: Triples gate fraction:	0. 0001 0. 0001				9 10 11	43430. 737 43380. 154 43444. 054	7240	. 801	0. 000 0. 000 0. 000	0. 000 0. 000 0. 000	Pass
Normalization constant:		0000			• •						
Passive singles bkgrnd: Passive doubles bkgrnd:		000 000									

201908_AFAS-P Bottom Fork_Position9.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                   Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                          0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                       0.000
   Facility: JMOX
Material balance area: JM26
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                    Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                                      Number passive cycles:
                                                                                                                                                                                                                                                                                                  Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                 Passive error messages
                                                             19. 08. 19 14:25:09
98J02509. VER
                                                                                                                                                                                                                                                                                 No known alpha calibration
             Results
                                                             PB9 201908
                                                                                                                                                                                                                                                                                                                                              Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                      8302, 709 +-
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                            3, 360
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                      266. 772 +-
0. 000 +-
1175. 342 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                            5. 726
0. 000
1. 065
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                                 Passive cycle raw data
                                                                                                                                                                                                                                                                                                    Singles
499019
499605
497821
                                                                                                                                                                                                                                                                                                                                  R+A
281393
283356
280200
                                                                                                                                                                                                                                                                                                                                                                                      Scaler 1
70401
70357
70406
                                                                                                                                                                                                                                                                                                                                                                                                                Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                  Cycle
                                                                                                                                                                                                                                                                                                                                                             264961
264851
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                  280200
282180
280958
281800
281520
281718
279372
281454
                                                                                                                                                                                                                                                                                                                                                                                          70384
70837
70775
70564
70669
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                       499542
498440
498985
499126
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                             265336
                                                                                                                                                                                                                                                                                                                                                                                                                              0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                         0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                             264511
265808
265524
                                                                                                                                                                                                                                                                                                       498476
497956
498133
                                                                                                                                                                                                                                                                                                                                                             266193
264919
265427
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
                                           Pu241:
                                           Pu242:
                                                                                                                                                                                                                                                                                                                                                                                           70898
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                        19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                       10
                                                                                                                                                                                                                                                                                                                                                                                          70522
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                 Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                               Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                          Singles
8307.854
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                 Cvcle
                                                                                                                                                                                                                                                                                                                                              Doubles
250. 584
                                                                                                                                                                                                                                                                                                                                                                                                                       Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                          8317. 620
8287. 887
8316. 570
8298. 204
                                                                                                                                                                                                                                                                                                                                              306. 584
255. 817
280. 734
274. 117
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                        6
7
                                                                                                                                                                                                                                                                                                          8307, 287
                                                                                                                                                                                                                                                                                                                                              266, 534
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                              266. 601
258. 751
240. 884
267. 117
                                                                                                                                                                                                                                                                                                          8309 637
                                                                                                                                                                                                                                                                                                          8298. 804
8290. 137
8293. 087
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
 Normalization constant:
                                                                                                       0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       9. 130 +-
-0. 001 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                            (2)
```

	201908_AFAS-P Bottom Fork_Position10.txt	201908_AFAS-P Bottom Fork_Position10.txt
INCC 5.1.2	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 1.013 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type:	JM2G JSR_03	Number passive cycles: 10
Detector id: Electronics id: Inventory change code:	JSR_03 JSR-12	Count time (sec): 60 Passive error messages
I/O code: Measurement date:	19.08.19 14:41:13	No known alpha calibration
Results file name: Inspection number:	98J04113. VER	Results
Item id: Stratum id: Material type: Original declared mass: Measurement option:	XXXX Pu	Singles: 3509.504 ← 2.420 Doubles: 48.596 ← 1.523 Triples: 0.000 ← 0.000 Scaler 1: 2673.340 ← 3.158
Data source: QC tests:	Review disk file On	Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method: Inspector name:	Sample method Measured	Passive cycle raw data Cycle Singles R+A A Scaler1 Scaler2 QC Tests
Passive comment:	Default	1 210644 50265 47358 160665 0 Pass 2 2 10959 50507 47519 159425 0 Pass 3 2 11131 50498 47816 160383 0 Pass
Isotopics source code: Pu238: Pu239:	0.000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000	4 211997 50510 47366 160176 0 Pass 5 211661 50278 47516 160316 0 Pass 6 210796 49961 47190 161365 0 Pass
Pu240: Pu241: Pu242:	100.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000	7 210954 50279 47597 160384 0 Pass 8 211292 50713 47086 160002 0 Pass 9 211260 50383 47641 160448 0 Pass
Pu date: Am241:	00.01.01 19.08.19 0.0000 +- 0.0000 0.0000 +- 0.0000	10 210486 50061 47209 161448 0 Pass
	00. 01. 01 19. 08. 19	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Outlies gate fraction: Triples gate fraction: Normalization constant: Passive singles bkgrnd:	1.50 64.00 64.00 1720 50.0000 0.0127 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	Cycle Singles Doubles Triples Mass QC Tests 1 3501.604 48.451 0.000 0.000 2.000 2 3506.854 49.801 0.000 0.000 Pass 3 3509.720 44.701 0.000 0.000 Pass 4 3524.154 52.401 0.000 0.000 Pass 5 3518.554 46.034 0.000 0.000 Pass 6 3504.137 46.184 0.000 0.000 Pass 7 3506.770 44.701 0.000 0.000 Pass 8 3512.404 60.451 0.000 0.000 Pass 9 3511.870 45.701 0.000 0.000 Pass 10 3498.970 47.534 0.000 0.000 Pass
Passive doubles bkgrnd:	-0.001 +- 0.000	

```
0.000 +-
1.013
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                        Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                              0.000
   Facility: JMOX
Material balance area: JM26
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                         Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                                           Number passive cycles:
                                                                                                                                                                                                                                                                                                       Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                      Passive error messages
                                                              19. 08. 19 09:43:55
98JJ4355. VER
                                                                                                                                                                                                                                                                                      No known alpha calibration
             Results
                                                              PC1 201908
XXXX
                                                                                                                                                                                                                                                                                                                                                   Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                            1145, 692 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                   1.793
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                 5. 038 +-
0. 000 +-
54. 822 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                   0. 523
0. 000
0. 299
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                      Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                           R+A
5429
5524
5395
                                                                                                                                                                                                                                                                                                                                                                                            Scaler 1
3369
3294
3402
                                                                                                                                                                                                                                                                                                                                                                                                                       Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                       Cycle
                                                                                                                                                                                                                                                                                                                                                                       A
5046
5188
5160
5191
5088
5175
5218
                                                                                                                                                                                                                                                                                                               69587
69500
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                                  3381
3336
3249
3398
3433
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                               69790
69375
69393
68823
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                            5445
5385
5536
5304
5413
5409
5464
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0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                            0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
                                                                                                                                                                                                                                                                                            8
9
10
                                                                                                                                                                                                                                                                                                                                                                        5150
4974
                                           Pu241:
                                                                                                                                                                                                                                                                                                               69137
                                           Pu242:
                                                                                                                                                                                                                                                                                                               68671
                                                                                                                                                                                                                                                                                                                                                                                                    3307
3332
                                      Pu242:
Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                           19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                                               69364
                                                                                                  0.0000
                                                                                                                                                             0.0000
                                                                                                                                                                                                                                                                                      Passive cycle rate data
                                                                1. 50
64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                      Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                               Singles
1144.052
                                                                                                                                                                                                                                                                                      Cvcle
                                                                                                                                                                                                                                                                                                                                                    Doubles
                                                                                                                                                                                                                                                                                                                                                                                                                              Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                        6. 386
5. 603
3. 919
4. 236
4. 953
                                                                                                                                                                                                                                                                                                               1144. 052
1150. 770
1149. 320
1154. 154
1147. 236
1147. 536
                                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
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Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                             6
7
                                                                                                                                                                                                                                                                                                                                                        6. 020
                                                                                                                                                                                                                                                                                                               1138 034
                                                                                                                                                                                                                                                                                                               1143. 269
1135. 500
1147. 053
                                                                                                                                                                                                                                                                                                                                                        4. 386
7. 253
6. 186
                                                                         1.0000 +-
                                                                                                         0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         9. 130 +-
-0. 001 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                  (2)
```

	201908_AFAS-P Collar_Position2.txt	201908_AFAS-P Collar_Position2.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 1.013 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JM26 JSR_03 JSR_03 JSR-12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name:	19. 08. 19 10: 01: 59 98JK0159. VER	No known alpha calibration
Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	PC2 201908 XXXX Pu 0.000 Verification Review disk file On	Results Singles: 1410.348 ← 1.465
Error calculation: Accidentals method: Inspector name: Passive comment:	Sample method Measured	Passive cycle raw data Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 85308 8234 7970 2866 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.001.01 19.08.19 0.0000 ← 0.0000 0.01.01 19.08.19	2 85372 8216 7832 2892 0 Pass 3 85062 8244 7757 2797 0 Pass 4 84943 8425 7651 2957 0 Pass 5 84999 8157 7651 2862 0 Pass 6 85580 8252 7758 2916 0 Pass 7 85560 8347 8002 2823 0 Pass 8 84841 8140 7631 2965 0 Pass 9 84844 8107 7760 2778 0 Pass 10 85073 8024 7760 2936 0 Pass Passive cycle rate data
Predelay:	1.50 64.00 1720 50.0000 0.1620 86.5000 0.3458 0.0299 0.0000 0.00001 1.0000 ← 0.0000 9.130 ← 0.000	Cycle Singles Doubles Triples Mass QC Tests 1 1412.845 4.403 0.000 0.000 Pass 2 1413.912 6.404 0.000 0.000 Pass 3 1408.744 8.121 0.000 0.000 Pass 4 1406.760 12.907 0.000 0.000 Pass 5 1407.694 8.438 0.000 0.000 Pass 6 1417.380 8.238 0.000 0.000 Pass 7 1417.046 5.753 0.000 0.000 Pass 8 1405.660 8.488 0.000 0.000 Pass 9 1405.110 5.787 0.000 0.000 Pass 10 1408.928 4.403 0.000 0.000 Pass
Passive doubles bkgrnd:	-0.001 +- 0.000	

```
0.000 +-
1.013
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                   Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                       0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                   Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                                     Number passive cycles:
                                                                                                                                                                                                                                                                                                  Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                Passive error messages
                                                             19. 08. 19 10:18:04
98JK1804. VER
                                                                                                                                                                                                                                                                                No known alpha calibration
             Results
                                                             PC3 201908
XXXX
                                                                                                                                                                                                                                                                                                                                             Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                       761.668 +--
                                                                                                                                                                                                                                                                                                                                                                                                                           1, 219
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                         2. 551 +-
0. 000 +-
61. 052 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 536
0. 000
0. 230
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                                Passive cycle raw data
                                                                                                                                                                                                                                                                                                   Singles
46518
46355
45853
                                                                                                                                                                                                                                                                                                                                    R+A
2529
2437
2473
                                                                                                                                                                                                                                                                                                                                                                                     Scaler 1
3764
3703
3660
                                                                                                                                                                                                                                                                                                                                                                                                                Scaler2 QC Tests

0 Pass

0 Pass

0 Pass
                                                                                                                                                                                                                                                                                 Cycle
                                                                                                                                                                                                                                                                                                                                                                 A
2266
                                                                                                                                                                                                                                                                                                                                                                 2306
2144
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                           3779
3674
3747
3689
3707
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                2210
2270
2211
2251
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                          46152
                                                                                                                                                                                                                                                                                                                                      2420
2401
2430
2287
2421
2421
2478
                                                                                                                                                                                                                                                                                                                                                                                                                             0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                          0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                         46099
46074
46046
46478
                                                                                                                                                                                                                                                                                                                                                                2302
2417
2390
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
                                                                                                                                                                                                                                                                                      8
9
10
                                           Pu241:
                                           Pu242:
                                                                                                                                                                                                                                                                                                          46352
                                                                                                                                                                                                                                                                                                                                                                                           3734
3782
                                     Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000
00. 01. 01
                                                                                                                        19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                                          46521
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                 Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                               Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                             Doubles
4. 385
2. 185
5. 485
3. 502
2. 184
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                           Singles
766. 222
                                                                                                                                                                                                                                                                                Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                      Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                            763. 505
755. 138
760. 122
759. 238
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                 3. 652
0. 601
1. 984
0. 067
1. 468
                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                        6
7
                                                                                                                                                                                                                                                                                                            758. 821
                                                                                                                                                                                                                                                                                                            758 355
                                                                                                                                                                                                                                                                                                            765, 556
                                                                                                                                                                                                                                                                                                            763. 455
766. 272
                                                                       1.0000 +-
                                                                                                        0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       9. 130 +-
-0. 001 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                           (2)
```

	201908_AFAS-P Collar_Position4.txt		201908_AFA	S-P Collar_Position4.txt
INCC 5. 1. 2		Passive triples bkg Passive scaler1 bkg	grnd: 1.013	0.000
Facility: Material balance area: Detector type:	JMOX JM2G JSR 03	Passive scaler2 bkg Number passive cyc	-	
Detector id: Electronics id: Inventory change code:	JSR_03 JSR-12	Count time (s	·	
I/O code: Measurement date: Results file name:	19. 08. 19 10:35:08 98.K3508 VER	No known alpha calib	-	
Inspection number: Item id:	PC4 201908	Results	a : 1 .	4000 040
Stratum id: Material type: Original declared mass:	XXXX Pu 0.000		Singles: Doubles: Triples:	1608. 943 +- 1. 424 9. 404 +- 0. 708 0. 000 +- 0. 000
Measurement option: Data source: QC tests:	Verification Review disk file On		Scaler 1: Scaler 2:	266. 119 +- 0. 520 0. 000 +- 0. 000
Error calculation: Accidentals method: Inspector name:	Sample method Measured	Passive cycle raw da Cycle Singles	R+A A	Scaler1 Scaler2 QC Tests
Passive comment: Isotopics id:	Default	1 97088 2 97016 3 97291	10604 10062 10733 10204 10838 9957	15838 0 Pass 16126 0 Pass 15976 0 Pass
Isotopics source code: Pu238: Pu239:	CO 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000	4 97095 5 96779 6 97372	10574 10113 10645 10101 10488 10071	15921 0 Pass 16003 0 Pass 16077 0 Pass
Pu240: Pu241: Pu242:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	7 97060 8 97458 9 97001	10589 9942 10795 10315 10628 9977	16025 0 Pass 16113 0 Pass 16159 0 Pass
Pu date: Am241: Am date:	$\begin{array}{cccccc} 00.01.01 & & & 19.08.19 \\ 0.0000 & & & 0.0000 & & 0.0000 \\ 00.01.01 & & & 19.08.19 \end{array}$	10 96548 Passive cycle rate of	10442 9955	16041 0 Pass
Predelay: Gate length:	1.50 64.00	Cycle Singles 1 1609,230	Doubles 9,039	Triples Mass QC Tests 0.000 0.000 Pass
2nd gate length: High voltage:	64. 00 1720	2 1608. 030 3 1612. 614	8. 822 14. 692	0.000 0.000 Pass 0.000 0.000 Pass
Die away time: Efficiency: Multiplicity deadtime:	50, 0000 0. 1620 86, 5000	4 1609. 347 5 1604. 079 6 1613. 965	7. 688 9. 072 6. 954	0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass
Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime:	0.3458 0.0299 0.0000	7 1608. 763 8 1615. 399 9 1607. 780	10. 790 8. 005 10. 857	0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass
Doubles gate fraction: Triples gate fraction:	0. 0001 0. 0001	10 1600. 228	8. 122	0.000 0.000 Pass
Normalization constant:	1. 0000 +- 0. 0000			
Passive singles bkgrnd: Passive doubles bkgrnd:	9. 130 +- 0. 000 -0. 001 +- 0. 000			

```
0.000 +-
1.013
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                     Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                         0.000
   Facility: JMOX
Material balance area: JM26
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                     Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                                        Number passive cycles:
                                                                                                                                                                                                                                                                                                    Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                  Passive error messages
                                                              19. 08. 19 10:50:12
98JK5012. VER
                                                                                                                                                                                                                                                                                  No known alpha calibration
             Results
                                                              PC5 201908
XXXX
                                                                                                                                                                                                                                                                                                                                               Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                        1433, 609 +-
                                                                                                                                                                                                                                                                                                                                                                                                                              1, 405
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                          7. 936 +-
0. 000 +-
143. 135 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                              0. 648
0. 000
0. 473
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                  Passive cycle raw data
                                                                                                                                                                                                                                                                                                     Singles
86519
86217
86263
                                                                                                                                                                                                                                                                                                                                       R+A
8350
8526
8463
                                                                                                                                                                                                                                                                                                                                                                                        Scaler 1
8447
8638
8701
                                                                                                                                                                                                                                                                                                                                                                                                                  Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                   Cycle
                                                                                                                                                                                                                                                                                                                                                                   A
7926
7956
7883
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                        8545
8341
8497
8380
8537
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                              8696
8707
8573
8753
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                            86699
                                                                                                                                                                                                                                                                                                                                                                    8028
7950
8072
7919
7964
7856
8149
                                                                                                                                                                                                                                                                                                                                                                                                                                0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                          0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                            86447
86783
86249
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
                                                                                                                                                                                                                                                                                        8
9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                            86877
                                                                                                                                                                                                                                                                                                                                                                                              8617
                                           Pu242:
                                                                                                                                                                                                                                                                                                            86531
                                                                                                                                                                                                                                                                                                                                         8469
                                                                                                                                                                                                                                                                                                                                                                                              8634
8723
                                    Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                         19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                                            86950
                                                                                                0.0000
                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                  Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                 Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                               Doubles
7. 071
9. 505
9. 672
8. 622
6. 520
                                                                                                                                                                                                                                                                                                            Singles
1433.034
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                                        Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                  Cvcle
                                                                 64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                            1427. 999
1428. 766
1436. 034
1431. 833
                                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                    7. 087
7. 688
9. 555
10. 222
3. 419
                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                          6
                                                                                                                                                                                                                                                                                                            1437. 435
1428. 532
                                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
                                                                                                                                                                                                                                                                                                            1439. 002
1433. 234
1440. 219
                                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                        1.0000 +-
                                                                                                        0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        9. 130 +-
-0. 001 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                              (2)
```

	201908_AFAS-P Collar_Position6.txt		201908_	FAS-P Collar_Po	sition6.txt
INCC 5. 1. 2	May.	Passive triples Passive scaler1	bkgrnd: 1.013	0.000	
Facility: Material balance area: Detector type:	JMCX JMCG JSR_03	Passive scaler2 Number passive	cycles: 10		
Detector id: Electronics id: Inventory change code:	JSR_03 JSR-12	Count time Passive error mes			
I/O code: Measurement date: Results file name:	19. 08. 19 13:31:55 98JN3155. VER	No known alpha ca	alibration		
Inspection number: Item id: Stratum id:	PC6 201908 XXXX	Results	Singles:	1942. 360 +	- 1. 575
Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file		Doubles: Triples: Scaler 1: Scaler 2:	12. 456 + 0. 000 + 70. 799 + 0. 000 +	- 0.000 - 0.195
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw	data		
Inspector name: Passive comment:		Cycle Singles 1 116935 2 117288	R+A A 15441 1469 15543 1460		Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date:	Default C0 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000	3 117293 4 116393 5 117108 6 117294 7 116854 8 117218 9 116940 10 117373	15390 1466 15261 1470 15458 1486 15401 1474 15370 1452 15499 1459 15360 1453 15515 1488	2 4328 7 4273 9 4349 3 4333 0 4299 1 4267 9 4292	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Am241: Am date:	0.0000 +- 0.0000 0.0000 +- 0.0000 00.01.01 19.08.19	Passive cycle rat	e data		
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Coefficient	1. 50 64. 00 64. 00 1720 50. 0000 0. 1620 86. 5000 0. 3458 0. 0299 0. 0000 0. 0001	Cycle Single 1 1940.11 2 1946.00 3 1946.00 5 1943.00 6 1943.00 7 1938.76 8 1944.83 9 1940.19 10 1947.41	12. 409 11. 15. 711 14. 13. 143 19. 9. 240 10. 9. 824 11. 10. 975 15. 14. 010 15. 144 19. 13. 693	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests Q. 000 Pass
Normalization constant:	1.0000 +- 0.0000				
Passive singles bkgrnd: Passive doubles bkgrnd:	9. 130 +- 0. 000 -0. 001 +- 0. 000				

```
0.000 +-
1.013
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                 Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                    0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                 Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                                    Number passive cycles:
                                                                                                                                                                                                                                                                                                Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                               Passive error messages
                                                             19. 08. 19 13:51:00
98JN5100. VER
                                                                                                                                                                                                                                                                               No known alpha calibration
             Results
                                                             PC7 201908
                                                                                                                                                                                                                                                                                                                                           Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                   4990, 641 +--
                                                                                                                                                                                                                                                                                                                                                                                                                        2.503
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                    103. 903 +-
0. 000 +-
112. 609 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                        4. 358
0. 000
0. 328
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                               Passive cycle raw data
                                                                                                                                                                                                                                                                                                 Singles
299712
299454
299713
                                                                                                                                                                                                                                                                                                                               R+A
102116
101817
101644
                                                                                                                                                                                                                                                                                                                                                                                   Scaler 1
6956
6815
6735
                                                                                                                                                                                                                                                                                                                                                                                                            Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                               Cycle
                                                                                                                                                                                                                                                                                                                                                            A
96365
95424
95987
                        Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                               103214
100957
102454
101533
101094
                                                                                                                                                                                                                                                                                                                                                            95347
95288
95409
95281
96200
95488
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                     300867
299717
300075
299249
                                                                                                                                                                                                                                                                                                                                                                                         6873
6787
6836
6810
                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                          0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                       0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
                                                                                                                                                                                                                                                                                    8
9
10
                                                                                                                                                                                                                                                                                                     299971
                                          Pu241:
                                                                                                                                                                                                                                                                                                                                                                                          6800
                                          Pu242:
                                                                                                                                                                                                                                                                                                    299487
300321
                                                                                                                                                                                                                                                                                                                                101649
102546
                                                                                                                                                                                                                                                                                                                                                                                          6753
                                     Pu242:
Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                       19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                                                                                                                          6808
                                                                                               0.0000
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                               Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                            Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                       Singles
4988, 229
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                                   Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                               Cvcle
                                                                                                                                                                                                                                                                                                                                           Doubles
                                                                                                                                                                                                                                                                                                                                             96, 016
                                                                64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                                           96. 016
106. 735
94. 447
131. 345
94. 647
117. 621
104. 381
81. 708
102. 861
109. 273
                                                                                                                                                                                                                                                                                                        4983. 925
4988. 246
5007. 496
4988. 312
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                      6
7
                                                                                                                                                                                                                                                                                                        4994, 284
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
                                                                                                                                                                                                                                                                                                        4980, 506
                                                                                                                                                                                                                                                                                                        4992, 549
4984, 476
4998, 388
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
                                                                                                      0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       9. 130 +-
-0. 001 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                        (2)
```

	201908_AFAS-P Collar_Position8.txt				201908_AFA	S-P Collar_F	Position8. txt
INCC 5. 1. 2	No.	Passi	ve triples b	kgrnd:	0.000 +- 1.013	0.000	
Facility: Material balance area: Detector type:	JM2G JSR_03		ve scaler2 b	ycles:	0. 000		
Detector id: Electronics id: Inventory change code:	JSR_03 JSR-12	Passiv	Count time e error mess		60		
I/O code: Measurement date: Results file name:	19. 08. 19 14:08:04 98J00804. VER		wn alpha cal	ibration			
Inspection number: Item id: Stratum id:	PC8 201908 XXXX	Result	S	Si	ngles:	43582. 392	+ 7. 562
Material type: Original declared mass: Measurement option: Data source: QC tests:	Pu 0.000 Verification Review disk file On			Tr Sca	oubles: iples: iler 1: iler 2:	7511. 220 0. 000 350. 777 0. 000	+- 0.000 +- 0.617
Error calculation: Accidentals method: Inspector name:	Sample method Measured	Passive Cycle	e cycle raw Singles	data R+A	A	Scaler1	Scaler2 QC Tests
Passive comment:	Default	1 2 3	2607039 2607074 2605781	7695743 7695877 7685407	7251588 7247286 7244228	21186 21157 21131	0 Pass 0 Pass 0 Pass
Isotopics source code: Pu238: Pu239:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	4 5 6	2606336 2604134 2604935	7687474 7674115 7677986	7246406 7228358 7248859	21176 21127 21079	0 Pass 0 Pass 0 Fail A/S test
Pu240: Pu241: Pu242: Pu date:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	7 8 9 10	2603846 2605386 2606392 2603357	7678557 7685697 7689656 7667373	7228660 7236226 7249832 7232925	21188 21198 20868 20916	0 Pass 0 Pass 0 Pass 0 Pass
Am241: Am date:	$0.0000 \leftarrow 0.0000 0.0000 \leftarrow 0.0000$	11	2607191 e cycle rate	7693482	7248564	21127	0 Pass
Predelay: Gate length:	1.50 64.00	Cycle	Singles	. Dou	bles	Triples	Mass QC Tests
2nd gate length: High voltage: Die away time: Efficiency:	64.00 1720 50.0000 0.1620	1 2 3 4	43605. 657 43606. 245 43584. 531 43593. 852	7590 7464	i. 073). 132 I. 665 I. 811	0. 000 0. 000 0. 000 0. 000	0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass
Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime:	86. 5000 0. 3458 0. 0299	5 6 7	43556. 874 43570. 325 43552. 037	7542 7260 7612	2. 052 0. 712 2. 087	0. 000 0. 000 0. 000	0.000 Pass 0.000 Fail A/S test 0.000 Pass
Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0.0000 0.0001 0.0001	8 9 10	43577. 898 43594. 792 43543. 826	7441 7350	. 947 . 765). 675	0. 000 0. 000 0. 000	0.000 Pass 0.000 Pass 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	11	43608. 209	/52/	'. 990	0.000	0. 000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	9.130 ← 0.000 -0.001 ← 0.000						

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                        0.000 +-
1.013
                                                                                                                                                                                                                                                                                                                                                                                      0.000
                                                                                                                                                                                                                                                                                   Passive triples bkgrnd:
Passive scaler1 bkgrnd:
   Facility: JMOX
Material balance area: JM26
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                   Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                                                     Number passive cycles:
                                                                                                                                                                                                                                                                                                 Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                Passive error messages
                                                             19. 08. 19 14:25:09
98J02509. VER
                                                                                                                                                                                                                                                                                No known alpha calibration
                                                                                                                                                                                                                                                                                 Results
              Inspection number
                                                             PC9 201908
                          Item id:
Stratum id:
                                                                                                                                                                                                                                                                                                                                            Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                    8308, 688 +-
                                                                                                                                                                                                                                                                                                                                                                                                                          3, 364
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                    267. 541 +-
0. 000 +-
1175. 342 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                          5. 743
0. 000
1. 065
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Sample method
Measured
                                                                                                                                                                                                                                                                                Passive cycle raw data
                                                                                                                                                                                                                                                                                                   Singles
499019
499605
497821
                                                                                                                                                                                                                                                                                                                                 R+A
281393
283356
280200
                                                                                                                                                                                                                                                                                                                                                                                    Scaler 1
70401
70357
70406
                                                                                                                                                                                                                                                                                                                                                                                                              Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                 Cycle
                                                                                                                                                                                                                                                                                                                                                            264961
264851
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                 280200
282180
280958
281800
281520
281718
279372
281454
                                                                                                                                                                                                                                                                                                                                                                                         70384
70837
70775
70564
70669
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                      499542
498440
498985
499126
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                            265336
                                                                                                                                                                                                                                                                                                                                                                                                                             0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                           264511
265808
265524
                                                                                                                                                                                                                                                                                                                                                           266193
264919
265427
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
                                           Pu241:
                                                                                                                                                                                                                                                                                                      498476
                                                                                                                                                                                                                                                                                                      497956
498133
                                           Pu242:
                                                                                                                                                                                                                                                                                                                                                                                         70898
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                        19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                      10
                                                                                                                                                                                                                                                                                                                                                                                         70522
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                              Triples
0.000
0.000
0.000
0.000
0.000
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                        Singles
8313.840
                                                                                                                                                                                                                                                                                Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                     Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                            Doubles
251. 306
                                                                64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                        8313. 840
8323. 621
8293. 845
8322. 569
8304. 176
8313. 273
8315. 626
                                                                                                                                                                                                                                                                                                                                            307. 469
256. 553
281. 544
274. 906
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                       6
7
                                                                                                                                                                                                                                                                                                                                             267. 302
267. 369
                                                                                                                                                                                                                                                                                                                                                                                                                     0.000
                                                                                                                                                                                                                                                                                                        8304. 777
8296. 098
8299. 052
                                                                                                                                                                                                                                                                                                                                            259. 496
241. 577
267. 886
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
 Normalization constant:
                                                                                                       0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       9. 130 +-
-0. 001 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                          (2)
```

	201908_AFAS-P Collar_Position10.txt	201908_AFAS-P Collar_Position10.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 +- 0.000 Passive scaler1 bkgrnd: 1.013 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JM26 JSR_03 JSR_03 JSR-12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:	19. 08. 19 14:41:13 98J04113. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: OC tests:	PCIO 201908 XXXX Pu 0.000 Verification Review disk file 00	$ \begin{array}{llllllllllllllllllllllllllllllllllll$
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	medau cu	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 210644 50265 47358 160665 0 Pass 2 210959 50507 47519 159425 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$ \begin{array}{llllllllllllllllllllllllllllllllllll$	3 211131 50498 47816 160383 0 Pass 4 211997 50510 47366 160176 0 Pass 5 211661 50278 47516 160316 0 Pass 6 210796 49961 47190 161365 0 Pass 7 210954 50279 47597 160384 0 Pass 8 211292 50713 47086 160002 0 Pass 9 211260 50383 47641 160448 0 Pass 10 210486 50061 47209 161448 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.1620 86.5000 0.3458 0.0299 0.0000 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 3502, 670 48, 509 0,000 0,000 Pass 2 3507, 923 49, 861 0,000 0,000 Pass 3 3510, 791 44, 755 0,000 0,000 0,000 Pass 4 3525, 234 52, 465 0,000 0,000 0,000 Pass 5 3519, 630 46,090 0,000 0,000 Pass 6 3505, 205 46,240 0,000 0,000 Pass 7 3507, 840 44,755 0,000 0,000 Pass 8 3513, 476 60,524 0,000 0,000 Pass 9 3512, 943 45,756 0,000 0,000 Pass 10 3500,035 47,592 0,000 0,000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	9. 130 +- 0. 000 -0. 001 +- 0. 000	
	(1)	(2)

```
201908_AFAS-P Top Fork_Position1.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                                      Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                         0. 000 +-
1. 353
                                                                                                                                                                                                                                                                                                                                                                      0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                         Number passive cycles:
                                                                                                                                                                                                                                                                                     Count time (sec)
                                                           JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                    Passive error messages
                                                           19. 08. 19 09:43:55
98JJ4355. VER
                                                                                                                                                                                                                                                                    No known alpha calibration
             Results
                                                           PT1 201908
                                                                                                                                                                                                                                                                                                                              Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                        42. 232 +-
                                                           XXXX
                                                                                                                                                                                                                                                                                                                                                                                                         0.344
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                      -0.003 +-
0.000 +-
105.090 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                         0. 026
0. 000
0. 487
0. 000
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                    Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                            Singles
2669
                                                                                                                                                                                                                                                                                                                                                                    Scaler 1
6343
6380
6386
                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                            8
11
8
                                                                                                                                                                                                                                                                                              2620
2591
                        Isotopics id: Default
                                                                                                                                                                                                                                                                                                                                                       10
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                          6411
6528
6177
6362
                                                                                                                                                                                                                                                                                              2658
                                                                                                                                                                                                                                                                                                                            13
8
5
5
                                                                                                                                                                                                                                                                                                                                                       8
5
13
12
6
7
3
                                                                                                                                                                                                                                                                                                                                                                                                           0
0
0
0
0
0
                                                                                           0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                   0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                  0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
                                                                                                                                                                                                                                                                          8
9
10
                                                                                                                                                                                                                                                                                                                                                                           6483
                                         Pu241:
                                                                                                                                                                                                                                                                                              2494
                                         Pu242:
                                                                                                                                                                                                                                                                                              2487
                                                                                                                                                                                                                                                                                                                                                                           6385
6411
                                   Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                   19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                              2608
                                                                                           0.0000
                                                                                                                                                   0.0000
                                                                                                                                                                                                                                                                    Passive cycle rate data
                                                            1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                              Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                              Doubles
0. 017
0. 067
-0. 033
0. 083
0. 050
                                                                                                                                                                                                                                                                                              Singles
43.730
                                                                                                                                                                                                                                                                    Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                    Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                42. 913
42. 430
43. 547
41. 613
42. 630
41. 230
40. 813
40. 697
42. 713
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                 -0. 133
-0. 117
-0. 050
-0. 017
0. 100
                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                           6
7
                                                                    1.0000 +-
 Normalization constant:
                                                                                                   0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                    0.753 +-
0.000 +-
                                                                                                    (1)
                                                                                                                                                                                                                                                                                                                                                                          (2)
```

	201908_AFAS-P Top F	ork_Position2.tx	i.			2019	08_AFAS-	P Top Fork_I	Position2.txt
INCC 5. 1. 2				Pass	sive triples bl	kgrnd: 1	. 000 +-	0.000	
Facility: Material balance area: Detector type:	JMOX JM2G JSR_02				sive scaler2 bl	ycles:	10		
Detector id: Electronics id: Inventory change code:	JSR_02 JSR-12			Pass	Count time ve error mess		60		
I/O code: Measurement date: Results file name:	19. 08. 19 10:01:59 98JK0159. VER				nown alpha cal	ibration			
Inspection number: Item id: Stratum id: Material type:	PT2 201908 XXXX Pu			Resul	ts	Singl Doubl		65. 352 · 0. 015 ·	
Original declared mass: Measurement option: Data source:	0.000 Verification Review disk file					Tripl Scaler Scaler	1:	0. 000 · 181. 519 · 0. 000 ·	→ 0.605
QC tests: Error calculation: Accidentals method:	On Sample method Measured			Passi	ve cycle raw				
Inspector name: Passive comment:				Cycle 1 2	Singles 3847 3880	R+A 17 14	A 17 17	Scaler1 11039 10938	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am date:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000	0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.08.19	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	3 4 5 6 7 8 9	4037 3960 4154 3904 3963 3937 3995 3986 ve cycle rate	17 17 19 11 29 16 21 21	20 16 12 17 18 15 24 17	10975 10801 11064 10868 10947 10864 11036 11191	O Pass
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000			Cycle 1 2 3 4 5 6 7 7 8 9	63. 363 63. 913 66. 530 65. 247 68. 480 64. 313 65. 297 64. 863 65. 830 65. 680	Double 0.00 -0.05 -0.05 0.01 0.11 -0.10 0.18 0.01 -0.05	0 0 7 7 0 3 7	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant:	1.0000 +- 0.0								
Passive singles bkgrnd: Passive doubles bkgrnd:	0.753 +- 0.0 0.000 +- 0.0								
	(1							(2)	

```
201908_AFAS-P Top Fork_Position3.txt
                                                                                                                                                                                                                                                                                                                                            201908_AFAS-P Top Fork_Position3.txt
                                                                                                                                                                                                                                                                             Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                  0.000 +-
1.353
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                                               0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                Number passive cycles:
                                                                                                                                                                                                                                                                                            Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                           Passive error messages
                                                            19. 08. 19 10:18:04
98JK1804. VER
                                                                                                                                                                                                                                                                           No known alpha calibration
              Results
                                                            PT3 201908
                                                                                                                                                                                                                                                                                                                                      Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                               245, 972 +-
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                   0.454
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                  0. 178 +-
0. 000 +-
57. 792 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 171
0. 000
0. 315
0. 000
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                           Passive cycle raw data
                                                                                                                                                                                                                                                                                              Singles
14844
14653
14857
                                                                                                                                                                                                                                                                                                                              R+A
238
230
225
                                                                                                                                                                                                                                                                                                                                                                              Scaler 1
3606
3575
3488
                                                                                                                                                                                                                                                                                                                                                                                                       Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                                                          A 263 212 237 234 226 206 215 227 236 266
                                                                                                                                                                                                                                                                            Cycle
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                    3613
3559
3437
3581
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                     14800
                                                                                                                                                                                                                                                                                                                                  263
237
283
224
256
247
226
                                                                                                                                                                                                                                                                                                                                                                                                                     0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                      0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                    14844
14789
14710
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
                                                                                                                                                                                                                                                                                 8
9
10
                                                                                                                                                                                                                                                                                                    14791
                                          Pu241:
                                                                                                                                                                                                                                                                                                                                                                                    3476
                                          Pu242:
                                                                                                                                                                                                                                                                                                    14971
14776
                                                                                                                                                                                                                                                                                                                                                                                     3572
3580
                                   Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                      19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                              0.0000
                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                            Passive cycle rate data
                                                              1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                        Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                      Doubles
-0. 417
0. 300
-0. 200
0. 483
0. 183
                                                                                                                                                                                                                                                                                                     Singles
246.647
                                                                                                                                                                                                                                                                                                                                                                                                              Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                           Cvcle
                                                                                                                                                                                                                                                                                                     243. 463
246. 863
245. 913
246. 647
                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                  6
7
                                                                                                                                                                                                                                                                                                      245. 730
244. 413
                                                                                                                                                                                                                                                                                                                                           1. 283
0. 150
                                                                                                                                                                                                                                                                                                     245. 763
248. 763
245. 513
                                                                                                                                                                                                                                                                                                                                           0. 483
0. 183
-0. 667
                                                                      1.0000 +-
                                                                                                     0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.753 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                    (2)
```

	201908_AFAS-P Top Fork_	_Position4.txt				2019	908_AFAS-	-P Top Fork_P	osition4.txt
INCC 5.1.2 Facility:	JMOX			Passiv	e triples bkg e scaler1 bkg e scaler2 bkg	grnd: 1	0. 000 +- 1. 353 0. 000	0.000	
Material balance area: Detector type: Detector id:	JM2G JSR_02 JSR 02			Numbe	r passive cyc	les:	10 60		
Electronics id: Inventory change code: I/O code:	JSR-12			Passive	error messag	ges			
Measurement date: Results file name:	19. 08. 19 10:35:08 98JK3508. VER			No know	m alpha calib	oration			
Inspection number: Item id: Stratum id:	PT4 201908 XXXX			Results	•	Sing	las:	950.122 +	- 1, 267
Material type: Original declared mass: Measurement option:	Pu 0.000 Verification					Doub Tripl Scale	les: les: r 1:	3. 480 + 0. 000 + 46. 155 +	- 0. 498 - 0. 000 - 0. 347
Data source: QC tests: Error calculation: Accidentals method:	Review disk file On Sample method Measured			Passive	cycle raw da	Scaler ata	r 2:	0.000 +	- 0.000
Inspector name: Passive comment:	2.5			Cycle 1 2	57183 57170	R+A 3767 3823	A 3513 3496	Scaler1 2874 2812	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date:	0.0000 +- 0.0000 0.0000 +- 0.0000 00.01.01	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.08.19	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	3 4 5 6 7 8 9	57008 57258 56961 57255 56473 56921 57259 57037	3722 3822 3565 3680 3509 3588 3677 3599	3404 3538 3452 3458 3451 3378 3463 3511	2866 2942 2809 2909 2875 2704 2834 2880	O Pass
Am241: Am date:	0.0000 +- 0.0000 00.01.01	0.0000 +- 19.08.19	0.0000	Passive	cycle rate	lata			
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0126 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001			Cycle 1 2 3 4 5 6 7 8 9	Singles 952, 297 952, 080 949, 380 953, 547 948, 597 953, 497 940, 463 947, 930 953, 563 949, 863	Doub le 4, 23 5, 44 5, 34 4, 73 1, 88 3, 70 0, 90 3, 50 3, 56	33 50 00 33 33 30 67 00	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant:	1.0000 +- 0.0000								
Passive singles bkgrnd: Passive doubles bkgrnd:	0.753 +- 0.000 0.000 +- 0.000								
	(1)							(2)	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                 0. 000 +-
1. 353
                                                                                                                                                                                                                                                                                                                                                                                               0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: JSR_02
Detector id: JSR_02
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                          Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                            Number passive cycles:
                                                                                                                                                                                                                                                                                                         Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                       Passive error messages
                                                               19. 08. 19 10:50:12
98JK5012. VER
                                                                                                                                                                                                                                                                                       No known alpha calibration
             Results
                                                               PT5 201908
                                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                              2901.483 +-
                                                               XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                     1, 651
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                  33. 260 +-
0. 000 +-
49. 280 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                     1. 416
0. 000
0. 272
0. 000
                                                               Sample method
Measured
                                                                                                                                                                                                                                                                                       Passive cycle raw data
                                                                                                                                                                                                                                                                                                           Singles
174411
173872
174098
                                                                                                                                                                                                                                                                                                                                            R+A
34582
34442
34101
                                                                                                                                                                                                                                                                                                                                                                                              Scaler 1
2911
3075
3037
                                                                                                                                                                                                                                                                                                                                                                                                                         Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                        Cycle
                                                                                                                                                                                                                                                                                                                                                                       A
32729
32354
32310
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                            34432
34455
33794
34493
34537
34496
34087
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                       32399
32530
32005
32105
                                                                                                                                                                                                                                                                                                                                                                                                     3008
3014
3059
3068
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                               174600
                                                                                                                                                                                                                                                                                                                                                                                                                                        0
0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                            0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                              174361
173637
174058
                                                                                                                                                                                                                                                                                                             174428
173777
174100
                                                                                                                                                                                                                                                                                                                                                                       32532
32023
32476
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                      3067
                                            Pu241:
                                                                                                                                                                                                                                                                                              8
                                            Pu242:
                                                                                                                                                                                                                                                                                                                                                                                                      3090
3051
                                     Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                           19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                             10
                                                                                                  0.0000
                                                                                                                                                              0.0000
                                                                                                                                                                                                                                                                                       Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                Singles
2906. 097
2897. 113
2900. 880
2909. 247
2905. 263
                                                                                                                                                                                                                                                                                                                                                    Doubles
30, 883
34, 800
29, 850
33, 883
32, 083
                                                                                                                                                                                                                                                                                                                                                                                        Triples
0.000
0.000
0.000
0.000
0.000
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                       Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                                Mass QC Tests
0.000 Pass
                                                                  64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                        29. 817
39. 800
33. 417
41. 217
26. 850
                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                               6
7
                                                                                                                                                                                                                                                                                                                 2893, 197
                                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
                                                                                                                                                                                                                                                                                                                 2900 213
                                                                                                                                                                                                                                                                                                                2900. 213
2906. 380
2895. 530
2900. 913
                                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                         1.0000 +-
 Normalization constant:
                                                                                                          0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.753 +-
0.000 +-
                                                                                                            (1)
                                                                                                                                                                                                                                                                                                                                                                                                    (2)
```

	201908_AFAS-P Top Fork_Position6.txt	201908_AFAS-P Top Fork_Position6.txt
INCC 5. 1. 2		Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 1.353
Facility: Material balance area: Detector type:	JMOX JM2G JSR 02	Passive scaler2 bkgrnd: 0.000 Number passive cycles: 10
Detector id: Electronics id: Inventory change code:	JSR_02 JSR-12	Count time (sec): 60 Passive error messages
I/O code: Measurement date:	19.08.19 13:31:55	No known alpha calibration
Results file name: Inspection number:	98JN3155. VER	Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source OC tests:	PTG 201908 XXXX Pu 0.000 Verification Review disk file On	Singles: 36.780 ← 0.151 Doubles: 0.000 ← 0.020 Triples: 0.000 ← 0.000 Scaler 1: 2492.390 ← 1.923 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 2294 5 2 148783 0 Pass 2 22440 4 3 150128 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	2 2240 4 3 149822 0 Pass 4 2271 4 9 149509 0 Pass 5 2255 10 3 149662 0 Pass 6 2210 3 7 149634 0 Pass 7 2272 8 5 149719 0 Pass 8 2235 4 9 149856 0 Pass 9 2236 5 5 149328 0 Pass 10 2288 8 9 149805 0 Pass Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	Cycle Singles Doubles Triples Mass QC Tests 1 37, 480 0,050 0,000 0,000 0,000 Pass 2 36,580 0,017 0,000 0,000 Pass 3 36,230 0,017 0,000 0,000 Pass 4 37,097 -0,083 0,000 0,000 Pass 5 36,830 0,117 0,000 0,000 Pass 6 36,080 -0,067 0,000 0,000 Pass 7 37,113 0,050 0,000 0,000 Pass 8 36,497 -0,083 0,000 0,000 Pass 9 36,513 0,000 0,000 0,000 Pass 10 37,380 -0,017 0,000 0,000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 ← 0.0000 0.753 ← 0.000	
Passive doubles bkgrnd:	0.000 ← 0.000	
	(1)	(2)

```
201908_AFAS-P Top Fork_Position7.txt
                                                                                                                                                                                                                                                                                                                                 201908_AFAS-P Top Fork_Position7.txt
                                                                                                                                                                                                                                                                    Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                       0.000 +-
1.353
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                                   0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                       Number passive cycles:
                                                                                                                                                                                                                                                                                   Count time (sec)
                                                          JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                  Passive error messages
                                                          19. 08. 19 13:51:01
98JN5101. VER
                                                                                                                                                                                                                                                                  No known alpha calibration
             Results
                                                          PT7 201908
                                                                                                                                                                                                                                                                                                                           Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                      32.972 +-
                                                          XXXX
                                                                                                                                                                                                                                                                                                                                                                                                      0.163
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                         Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                   -0.008 +-
0.000 +-
853.569 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                      0. 015
0. 000
0. 992
0. 000
                                                          On
Sample method
Measured
                                                                                                                                                                                                                                                                  Passive cycle raw data
                                                                                                                                                                                                                                                                                    Singles
                                                                                                                                                                                                                                                                                                                                                                  Scaler 1
51473
51289
51027
                                                                                                                                                                                                                                                                                                                                                                                           Scaler2 QC Tests

0 Pass

0 Pass

0 Pass
                                                                                                                                                                                                                                                                   Cycle
                                                                                                                                                                                                                                                                                            2045
1971
                       Isotopics id: Default
                                                                                                                                                                                                                                                                                            2022
                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                            2052
                                                                                                                                                                                                                                                                                                                                                                      51142
                                                                                                                                                                                                                                                                                                                                                                                                        0
0
0
0
0
0
                                                                                          0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                  0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                  0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                           2015
2035
2049
                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
                                                                                                                                                                                                                                                                        8
9
10
                                        Pu241:
                                                                                                                                                                                                                                                                                            2035
                                                                                                                                                                                                                                                                                                                                                                      51497
                                        Pu242:
                                                                                                                                                                                                                                                                                            2044
1967
                                                                                                                                                                                                                                                                                                                                                                      51611
                                   Pu date:
Am241:
Am date:
                                                          00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                  19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                                                                                                      51201
                                                                                           0.0000
                                                                                                                                                  0.0000
                                                                                                                                                                                                                                                                   Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                           Triples
0.000
0.000
0.000
0.000
0.000
                                                                 1.50
64.00
                                                                                                                                                                                                                                                                                           Singles
                                                                                                                                                                                                                                                                                                                           Doubles
-0.033
0.000
0.017
-0.033
0.067
-0.017
-0.083
0.050
-0.067
0.017
                                                                                                                                                                                                                                                                                                                                                                                                Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                  Cvcle
                                                                                                                                                                                                                                                                                              33, 330
                                                             64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                              32. 097
32. 947
33. 447
32. 830
                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                             33. 163
33. 397
33. 163
33. 313
32. 030
                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                         6
7
                                                                    1.0000 +-
                                                                                                  0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                    0.753 +-
0.000 +-
                                                                                                    (1)
                                                                                                                                                                                                                                                                                                                                                                       (2)
```

	201908_AFAS-P Top Fork_Position8.txt			201908_AFAS-F	7 Top Fork_Position8.txt
INCC 5. 1. 2	May		Passive triples bkgr Passive scaler1 bkgr	nd: 1. 353	0. 000
Facility: Material balance area: Detector type: Detector id:	JMOX JM2G JSR_02 JSR 02		Passive scaler2 bkgri Number passive cycle Count time (see	es: 10	
Electronics id: Inventory change code:	JSR-12		Passive error messages	•	
I/O code: Measurement date: Results file name:	19. 08. 19 14:09:06 98J00906, VER		No known alpha calibra	ation	
Inspection number: Item id:	PT8 201908		Results	0: 1	40.700
Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification Review disk file			Singles: Doubles: Triples: Scaler 1: Scaler 2:	48. 790 +- 0. 213 -0. 012 +- 0. 018 0. 000 +- 0. 000 250. 804 +- 0. 717 0. 000 +- 0. 000
QC tests: Error calculation: Accidentals method:	On Sample method Measured		Passive cycle raw data	а	
Inspector name: Passive comment:	measureu		1 3024 2 2920	R+A A 8 10 11 7	Scaler1 Scaler2 QC Tests 15021 0 Pass 14808 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	3 2963 4 2995 5 2940 6 2943 7 2957 8 3030 9 2937 10 3017 Passive cycle rate da	7 11 8 11 11 7 10 9 6 11 6 10 12 10 9 9	15297 0 Pass 15093 0 Pass 15159 0 Pass 15185 0 Pass 15202 0 Pass 15197 0 Pass 15113 0 Pass 15219 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000		Cycle Singles 1 49,647 2 47.913 3 48.630 4 49.163 5 48.297 7 48.597 7 48.597 9 48.197 10 49.530	Doubles -0.033 0.067 -0.065 0.067 -0.050 0.067 0.017 -0.083 -0.067 0.033 0.000	Triples
Normalization constant:	1.0000 +- 0.0000				
Passive singles bkgrnd: Passive doubles bkgrnd:	0. 753 +- 0. 000 0. 000 +- 0. 000				
	(1)				(2)

```
201908_AFAS-P Top Fork_Position9.txt
                                                                                                                                                                                                                                                                                                                                           0.000 +-
1.353
INCC 5. 1. 2
                                                                                                                                                                                                                                                                       Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                       0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                        Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                          Number passive cycles:
                                                                                                                                                                                                                                                                                      Count time (sec)
                                                           JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                     Passive error messages
                                                           19. 08. 19 14:25:10
98J02510. VER
                                                                                                                                                                                                                                                                     No known alpha calibration
             Results
                                                           PT9 201908
                                                                                                                                                                                                                                                                                                                               Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                        161.082 +-
                                                                                                                                                                                                                                                                                                                                                                                                          0. 457
                                                           XXXX
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                        0. 058 +-
0. 000 +-
101. 275 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                          0. 072
0. 000
0. 372
0. 000
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                     Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                              R+A
92
105
101
111
103
106
128
116
                                                                                                                                                                                                                                                                                       Singles
9784
9757
9819
                                                                                                                                                                                                                                                                                                                                                                     Scaler1
6219
6144
6101
                                                                                                                                                                                                                                                                      Cycle
                                                                                                                                                                                                                                                                                                                                                 A
110
                                                                                                                                                                                                                                                                                                                                                      89
102
                        Isotopics id: Default
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                               9798
9713
9696
9692
                                                                                                                                                                                                                                                                                                                                                                            6272
6061
6113
6223
                                                                                                                                                                                                                                                                                                                                                     108
97
98
117
94
99
105
                                                                                                                                                                                                                                                                                                                                                                                                            0
0
0
0
0
0
                                                                                           0.0000
0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
                                                                                                                                                                                                                                                                           8
9
10
                                         Pu241:
                                                                                                                                                                                                                                                                                               9653
                                                                                                                                                                                                                                                                                                                                                                            6215
                                         Pu242:
                                                                                                                                                                                                                                                                                               9665
                                                                                                                                                                                                                                                                                                                                                                            6083
6146
                                   Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                   19. 08. 19
0. 0000 +-
19. 08. 19
                                                                                                                                                                                                                                                                                               9524
                                                                                            0.0000
                                                                                                                                                   0.0000
                                                                                                                                                                                                                                                                      Passive cycle rate data
                                                             1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                               Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                               Singles
162.313
                                                                                                                                                                                                                                                                                                                               Doubles
-0. 300
0. 267
-0. 017
0. 050
0. 100
0. 133
0. 183
0. 367
0. 150
-0. 350
                                                                                                                                                                                                                                                                                                                                                                                                    Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                     Cvcle
                                                                                                                                                                                                                                                                                               161. 863
162. 897
162. 547
161. 130
                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                            6
7
                                                                                                                                                                                                                                                                                               160, 847
                                                                                                                                                                                                                                                                                                160 780
                                                                                                                                                                                                                                                                                               160. 780
160. 130
160. 330
157. 980
                                                                    1.0000 +-
                                                                                                   0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                    0.753 +-
0.000 +-
                                                                                                     (1)
                                                                                                                                                                                                                                                                                                                                                                           (2)
```

	201908_AFAS-P Top Fork_Position10.txt	201908_AFAS-P Top Fork_Position10.txt			
INCC 5.1.2	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 1.353 Passive scaler2 bkgrnd: 0.000			
Material balance area: Detector type: Detector id: Electronics id:	JSR_02 JSR_02	Number passive cycles: 10 Count time (sec): 60			
Inventory change code: I/O code:	50 <u>.</u>	Passive error messages			
Measurement date: Results file name:	19. 08. 19 14:41:14 98J04114. VER	No known alpha calibration			
Inspection number: I them id: Stratum id: Material type: Original declared mass: Measurement option: Data source: OC tests:	XXXX Pu 0.000 Verification Review disk file	Results Singles: 97.513 ← 0.305 Doubles: -0.027 ← 0.052 Triples: 0.000 ← 0.000 Scaler 1: 82.879 ← 0.354 Scaler 2: 0.000 ← 0.000			
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw data			
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 5895 36 41 5032 0 Pass 0 7000			
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 0.01.01 19.08.19 0.0000 0.0000 00.01.01 19.08.19 0.0000	2 5899 35 42 5065 0 Pass 3 5877 39 39 5036 0 Pass 4 5890 41 52 5031 0 Pass 5 5997 40 39 4937 0 Pass 6 5954 27 31 5189 0 Pass 7 5932 37 40 5066 0 Pass 8 5848 50 37 5056 0 Pass 9 5883 43 27 5005 0 Pass 10 5785 34 50 5122 0 Pass			
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient B deadtime: Triples gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0126 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0000 1.0000 1.0000 1.0000	Cycle Singles Doubles Triples Mass QC Tests 1 97.497 -0.083 0.000 0.000 Pass 2 97.563 -0.117 0.000 0.000 Pass 3 97.197 0.000 0.000 0.000 Pass 4 97.413 -0.183 0.000 0.000 Pass 5 99.197 0.017 0.000 0.000 Pass 6 98.480 -0.067 0.000 0.000 Pass 7 98.113 -0.050 0.000 0.000 Pass 9 97.297 0.267 0.000 0.000 Pass 10 95.663 -0.267 0.000 0.000 Pass			
Passive singles bkgrnd: Passive doubles bkgrnd:	0. 753 ← 0. 000 0. 000 ← 0. 000				
3181114	*****				

201909_AFAS-B Bottom Fork_Position1.txt

```
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                             0. 000 +-
1. 342
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                                                                            0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                                                                      Number passive cycles:
                                                                                                                                                                                                                                                                                                                   Count time (sec)
                                                                 JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                                Passive error messages
                                                                 19. 09. 18 09:08:56
99IJ0856. VER
                                                                                                                                                                                                                                                                                                No known alpha calibration
               Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                                Results
                                                                 BB1 201909
XXXX
                                                                                                                                                                                                                                                                                                                                                                Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                               41.584 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.390
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                             -0.015 +-
0.000 +-
103.508 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                                   0. 021
0. 000
0. 423
0. 000
                                                                 On
Sample method
Measured
                                                                                                                                                                                                                                                                                                Passive cycle raw data
                                                                                                                                                                                                                                                                                                                    Singles
2651
2595
2494
                                                                                                                                                                                                                                                                                                                                                                                                           Scaler 1
6371
6378
6335
                                                                                                                                                                                                                                                                                                                                                                                                                                       Scaler2 QC Tests

0 Pass

0 Pass

0 Pass
                                                                                                                                                                                                                                                                                                 Cycle
                                                                                                                                                                                                                                                                                                                                                                                           6
10
6
                           Isotopics id: Default
                                                                 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                                 6232
6393
6171
6279
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                             2437
                                                                                                                                                                                                                                                                                                                                                                                                                                                     0
0
0
0
0
0
                                                                                                     0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                                   0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                             8
8
7
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                      8
9
10
                                             Pu241:
                                                                                                                                                                                                                                                                                                                             2525
                                                                                                                                                                                                                                                                                                                                                                                                                  6322
                                             Pu242:
                                                                                                                                                                                                                                                                                                                             2530
2633
                                                                                                                                                                                                                                                                                                                                                                                                                  6235
6194
                                       Pu date:
Am241:
Am date:
                                                                 00. 01. 01
0. 0000
00. 01. 01
                                                                                                                               19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                     0.0000
                                                                                                                                                                   0.0000
                                                                                                                                                                                                                                                                                                Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                                    Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                                Doubles
0. 100
-0. 033
0. 000
-0. 117
-0. 067
                                                                        1.50
64.00
                                                                                                                                                                                                                                                                                                                            Singles
43.441
                                                                                                                                                                                                                                                                                                Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                                              Mass QC Tests
0.000 Pass
                                                                    64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                               42. 508
40. 824
39. 874
42. 258
39. 941
41. 091
41. 341
41. 424
43. 141
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                    -0. 067
-0. 067
0. 017
-0. 050
0. 000
0. 067
                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                        6
7
                                                                           1.0000 +-
                                                                                                              0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                           0.742 +-
0.000 +-
                                                                                                               (1)
                                                                                                                                                                                                                                                                                                                                                                                                                 (2)
```

201909_AFAS-B Bottom Fork_Position2.txt		201909_AFAS-B Bottom Fork_Position2.txt			
INCC 5. 1. 2		Passive triples bkgrnd Passive scaler1 bkgrnd	1: 1.342	0. 000	
Facility: Material balance area: Detector type:		Passive scaler2 bkgrnd Number passive cycles			
Detector id: Electronics id:	JSR_02	Count time (sec)			
Inventory change code: I/O code:	40.00.40.00.00.00	Passive error messages			
Measurement date: Results file name: Inspection number:	19. 09. 18 09: 28: 01 99 I J 2801. VER	No known alpha calibrat	ion		
Item id: Stratum id: Material type:	BB2 201909 XXXX Pu		Singles: Doubles:	63. 733 ← 0. 279 -0. 037 ← 0. 028	
Original declared mass: Measurement option: Data source:	0.000 Verification Review disk file		Triples: Scaler 1: Scaler 2:	0.000 + 0.000 177.391 + 0.446 0.000 + 0.000	
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data			
Inspector name: Passive comment:		Cycle Singles R+ 1 3792 2 3872	A A 17 20 15 17	Scaler1 Scaler2 QC Tests 10780 0 Pass 10683 0 Pass	
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242:	Default CO 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000	3 3916 4 3851 5 3823 6 3905 7 3850 8 3805 9 3938	14 18 18 15 17 17 11 27 16 14 13 13 15 14	10765 0 Pass 10679 0 Pass 10767 0 Pass 10674 0 Pass 10896 0 Pass 10650 0 Pass 10748 0 Pass	
Pu date: Am241: Am date:	00.01.01	10 3933 Passive cycle rate data	16 19 n	10598 0 Pass	
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 7720 50. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	Cycle Singles 1 62.458 2 63.791 3 64.524 4 63.441 5 62.974 6 64.341 7 63.424 8 62.674 9 64.891 10 64.808	Doubles -0. 050 -0. 033 -0. 067 0. 050 0. 000 -0. 267 0. 033 0. 000 0. 017 -0. 050	Triples Mass QC Tests 0.000 0.000 Pass 0.000 0.000 Pass	
Normalization constant:	1.0000 + 0.0000				
Passive singles bkgrnd: Passive doubles bkgrnd:	0.742 +- 0.000 0.000 +- 0.000				

201909_AFAS-B Bottom Fork_Position3.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                  0. 000 +-
1. 342
                                                                                                                                                                                                                                                                                                                                                                                                 0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                           Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                                             Number passive cycles:
                                                                                                                                                                                                                                                                                                          Count time (sec)
                                                               JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                        Passive error messages
                                                               19. 09. 18 09:43:05
99 I J4305. VER
                                                                                                                                                                                                                                                                                        No known alpha calibration
              Results
                                                               BB3 201909
                                                                                                                                                                                                                                                                                                                                                      Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                               XXXX
                                                                                                                                                                                                                                                                                                                                                                                                 239, 688 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                       0. 577
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                   0. 155 +-
0. 000 +-
56. 046 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                       0. 097
0. 000
0. 351
0. 000
                                                               Sample method
Measured
                                                                                                                                                                                                                                                                                        Passive cycle raw data
                                                                                                                                                                                                                                                                                                            Singles
14309
14300
14376
                                                                                                                                                                                                                                                                                                                                             R+A
234
218
229
                                                                                                                                                                                                                                                                                                                                                                          A
216
212
219
                                                                                                                                                                                                                                                                                                                                                                                               Scaler 1
3521
3332
3470
                                                                                                                                                                                                                                                                                                                                                                                                                          Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                         Cycle
                         Isotopics id: Default
                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                  14392
14521
14387
14455
                                                                                                                                                                                                                                                                                                                                                                                                     3441
3446
3378
3407
                                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                  235
215
242
216
249
238
266
                                                                                                                                                                                                                                                                                                                                                                             230
216
200
243
224
240
249
                                                                                                                                                                                                                                                                                                                                                                                                                                         0
0
0
0
0
0
                                                                                                  0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                             0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                  14339
14557
14622
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
                                                                                                                                                                                                                                                                                              8
9
10
                                                                                                                                                                                                                                                                                                                                                                                                       3507
                                            Pu241:
                                            Pu242:
                                                                                                                                                                                                                                                                                                                                                                                                       3394
3537
                                      Pu242:
Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                            19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                  0.0000
                                                                                                                                                              0.0000
                                                                                                                                                                                                                                                                                        Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                         Triples
0.000
0.000
0.000
0.000
0.000
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                   Singles
237.741
                                                                                                                                                                                                                                                                                                                                                      Doubles
0. 300
0. 100
0. 167
0. 083
-0. 017
0. 700
-0. 450
0. 417
-0. 033
0. 283
                                                                                                                                                                                                                                                                                        Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                                 Mass QC Tests
0.000 Pass
                                                                  64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                   237. 591
238. 858
239. 124
241. 274
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                               6
7
                                                                                                                                                                                                                                                                                                                    239. 041
240. 174
                                                                                                                                                                                                                                                                                                                   238. 241
241. 874
242. 958
                                                                         1.0000 +-
 Normalization constant:
                                                                                                          0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.742 +-
0.000 +-
                                                                                                            (1)
                                                                                                                                                                                                                                                                                                                                                                                                     (2)
```

	201909_AFAS-B Bottom Fork_Position4.txt	201909_AFAS-B Bottom Fork_Position4.txt
INCC 5. 1. 2	May	Passive triples bkgrnd: $0.000 \leftarrow 0.000$ Passive scaler1 bkgrnd: 1.342
Facility: Material balance area: Detector type:	JM2G JSR_02	Passive scaler2 bkgrnd: 0.000 Number passive cycles: 10
Detector id: Electronics id: Inventory change code:		Count time (sec): 60 Passive error messages
I/O code: Measurement date: Results file name:	19. 09. 18 09:59:09 99IJ5909. VER	No known alpha calibration
Inspection number: Item id:	BB4 201909	Results
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	Pu 0.000 Verification Review disk file	Singles: 928.978 +- 1.181 Doubles: 3.147 +- 0.631 Triples: 0.000 +- 0.000 Scaler 1: 45.700 +- 0.310 Scaler 2: 0.000 +- 0.000
Error calculation:	Sample method	Passive cycle raw data
Accidentals method: Inspector name: Passive comment:	Measured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 55714 3560 3325 2772 0 Pass 2 55662 3386 3345 2779 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	2 3002 300 3474 3425 2750 0 Pass 4 56000 3631 3340 2933 0 Pass 5 55582 3494 3319 2773 0 Pass 6 56021 3503 3405 2557 0 Pass 7 56043 3624 3189 2840 0 Pass 8 56057 3616 3365 2794 0 Pass 9 55565 3422 3255 2839 0 Pass 10 55478 3432 3286 2888 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient B deadtime: Toubles gate fraction: Triples gate fraction: Normalization constant:	1.50 64.00 64.00 1720 50.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 1.0000 ← 0.0000	Cycle Singles Doubles Triples Mass QC Tests 1 927, 824 3, 917 0,000 0,000 Pass 2 926, 958 0,683 0,000 0,000 Pass 3 927, 758 0,817 0,000 0,000 Pass 4 932, 591 4,850 0,000 0,000 Pass 5 925, 624 2,917 0,000 0,000 Pass 6 932, 941 1,633 0,000 0,000 Pass 7 933, 308 7,250 0,000 0,000 Pass 8 933, 541 4,183 0,000 0,000 Pass 9 925, 341 2,783 0,000 0,000 Pass 10 923,891 2,433 0,000 0,000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0. 742 ← 0. 000 0. 000 ← 0. 000	
	(1)	(2)

201909_AFAS-B Bottom Fork_Position5.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                              Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                   0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                               Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                                 Number passive cycles:
                                                                                                                                                                                                                                                                                             Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                            Passive error messages
                                                            19. 09. 18 10:15:13
99 IK1513. VER
                                                                                                                                                                                                                                                                            No known alpha calibration
             Results
                                                            BB5 201909
                                                                                                                                                                                                                                                                                                                                       Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                              2835, 599 +-
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                    1.331
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                   30. 982 +-
0. 000 +-
49. 146 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                    1. 421
0. 000
0. 300
0. 000
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                            Passive cycle raw data
                                                                                                                                                                                                                                                                                               Singles
169972
170490
170536
                                                                                                                                                                                                                                                                                                                              R+A
32432
32904
32986
                                                                                                                                                                                                                                                                                                                                                                               Scaler 1
3061
2982
3085
                                                                                                                                                                                                                                                                                                                                                                                                        Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                             Cycle
                                                                                                                                                                                                                                                                                                                                                        A
30664
31111
30836
                         Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                              32714
32800
32779
32746
                                                                                                                                                                                                                                                                                                                                                        30430
30911
31221
31068
                                                                                                                                                                                                                                                                                                                                                                                     2906
3056
3015
3111
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                   169995
                                                                                                                                                                                                                                                                                                                                                                                                                       0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                      0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                  170031
169982
170204
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                               32223
                                          Pu241:
                                                                                                                                                                                                                                                                                                  169833
                                                                                                                                                                                                                                                                                                                                                         30752
                                                                                                                                                                                                                                                                                                                                                                                      3030
                                          Pu242:
                                                                                                                                                                                                                                                                                                  170452
170310
                                                                                                                                                                                                                                                                                                                               33124
32790
                                                                                                                                                                                                                                                                                                                                                         30948
30968
                                                                                                                                                                                                                                                                                                                                                                                      3022
3025
                                    Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                      19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                                                                                                                                                                                                  10
                                                                                              0.0000
                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                            Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                         Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                    Singles
2832.124
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                                                                                       Doubles
29, 467
                                                                                                                                                                                                                                                                            Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                Mass QC Tests
0.000 Pass
                                                               64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                     2840. 758
2841. 524
2832. 508
2833. 108
                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                          29. 883
35. 833
38. 067
31. 483
25. 967
27. 967
24. 517
36. 267
30. 367
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                   6
7
                                                                                                                                                                                                                                                                                                     2832, 291
                                                                                                                                                                                                                                                                                                     2835 991
                                                                                                                                                                                                                                                                                                    2829. 808
2840. 124
2837. 758
                                                                      1.0000 +-
                                                                                                     0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.742 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                     (2)
```

	201909_AFAS-B Bottom Fork_Position6.txt		201909_AFAS-B	Bottom Fork_Position6.txt
INCC 5. 1. 2		Passive triples bkgrnd: Passive scaler1 bkgrnd:		0.000
Facility: Material_balance area:	JMOX JM2G	Passive scaler2 bkgrnd:		
Detector type: Detector id: Electronics id:	JSR_02 JSR_02 JSR-12	Number passive cycles: Count time (sec):		
Inventory change code: I/O code:	00N-12	Passive error messages		
Measurement date: Results file name:	19. 09. 18 10:31:18 99IK3118. VER	No known alpha calibrati	ion	
Inspection number: Item id: Stratum id:	BB6 201909 XXXX	Results	Singles:	36.086 ÷ 0.247
Material type: Original declared mass: Measurement option:	AAAA Pu 0.000 Verification		Doubles: Triples: Scaler 1:	0.015 + 0.017 0.000 + 0.000 2441.670 + 2.482
Data source: QC tests: Error calculation:	Review disk file On Sample method	Passive cycle raw data	Scaler 2:	0.000 +- 0.000
Accidentals method: Inspector name: Passive comment:	Measured	Cycle Singles R+A	A A 7 2	Scaler1 Scaler2 QC Tests 146918 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date	Default CCO 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01.01 1 9.09.18 0.0000 ← 0.0000 0.0000 ← 0.0000	2 2214 3 2182 4 2217 5 2203 6 2135 7 2198 8 2155 9 2282 10 2236 Passive cycle rate data	8 6 6 2 5 3 3 6 5 6 6 6 5 8 4 4 7 2 5 7	147112 0 Pass 146071 0 Pass 146071 0 Pass 145545 0 Pass 146379 0 Pass 146917 0 Pass 146721 0 Pass 146709 0 Pass 146709 0 Pass
Predelay:	1.50	Cycle Singles	Doubles 1	riples Mass QC Tests
Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Doubles gate fraction: Triples gate fraction:	64.00 64.00 1720 50.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	1 37. 174 2 36. 158 3 35. 624 4 36. 208 5 35. 974 6 34. 841 7 35. 891 8 35. 174 9 37. 291 10 36. 524	0. 083 0. 033 -0. 050 0. 000 0. 017 -0. 067 0. 017 0. 067 0. 083 -0. 033	0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000			
Passive singles bkgrnd: Passive doubles bkgrnd:	0.742 \(\tau \) 0.000 0.000 \(\tau \) 0.000			

201909_AFAS-B Bottom Fork_Position7.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                               0.000 +-
                                                                                                                                                                                                                        Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                       0.000
   Facility:
Material balance area:
Detector type:
Detector id:
                                                                                                                                                                                                                        Passive scaler2 bkgrnd
                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                          Number passive cycles
                                                                                                                                                                                                                                    Count time (sec)
                Electronics id:
                                                 JSR-12
   Inventory change code:

1/0 code:

Measurement date:
Results file name:
                                                                                                                                                                                                                      Passive error messages
                                                19. 09. 18 10:48:22
99 IK4822. VER
                                                                                                                                                                                                                       No known alpha calibration
                                                                                                                                                                                                                       Results
           Inspection number
                                                 BB7 201909
                            Item id:
                     Stratum id:
                                                 XXXX
                                                                                                                                                                                                                                                                        Singles:
                                                                                                                                                                                                                                                                                                        32.898 +-
                                                                                                                                                                                                                                                                                                                                   0.218
                                                Pu
0.000
Verification
Review disk file
 Material type:
Original declared mass:
Measurement option:
Data source:
                                                                                                                                                                                                                                                                      Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                       -0.012 +-
0.000 +-
834.410 +-
                                                                                                                                                                                                                                                                                                                                   0. 016
0. 000
1. 308
                                                                                                                                                                                                                                                                                                          0.000 +-
                                                                                                                                                                                                                                                                                                                                   0.000
                           QC tests:
                                                 0n
         Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                Sample method
Measured
                                                                                                                                                                                                                       Passive cycle raw data
                                                                                                                                                                                                                                                                                                                          Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                      Scaler1
50095
49793
49980
                                                                                                                                                                                                                       Cycle
                                                                                                                                                                                                                                     Singles
                                                                                                                                                                                                                                           2054
                    Isotopics id:
                                                Default
   Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                0. 0000
0. 0000
100. 0000
                                                                                                                                                                                                                                                                                                        50130
50035
50235
50632
                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                           2001
                                                                                                                                                                                                                                                                                                                                     0 0 0 0 0 0
                                                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                           0.0000
0.0000
0.0000
                                                                                                                         0.0000
0.0000
0.0000
                                                                                                                                                                                                                                           2017
1936
1966
                                  Pu241:
                                                     0.0000 +-
0.0000 +-
                                                                            0.0000
                                                                                                                         0.0000
0.0000
                                                                                                                                                                                                                            8
                                                                                                                                                                                                                                           2016
                                                                                                                                                                                                                                                                                                         49886
                                                                                                                                                                                                                                                                                                                                           Pass
                                 Pu242:
                                                                           0.0000
                                                                                                                                                                                                                                            2062
                                                                                                                                                                                                                                                                                                         50279
                                                                                                                                                                                                                                                                                                                                           Pass
Pass
                             Pu date:
Am241:
Am date:
                                                00. 01. 01
0. 0000
00. 01. 01
                                                                                               19. 09. 18
                                                                                                                                                                                                                          10
                                                                                                                                                                                                                                           2060
                                                                                                                                                                                                                                                                                                        50386
                                                                                              0.0000 +-
19.09.18
                                                                           0.0000
                                                                                                                         0.0000
                                                                                                                                                                                                                       Passive cycle rate data
                                                      1.50
64.00
                           Predelav
                                                                                                                                                                                                                       Cvcle
                                                                                                                                                                                                                                           Singles
                                                                                                                                                                                                                                                                                                 Triples
                                                                                                                                                                                                                                                                                                                                            QC Tests
                                                                                                                                                                                                                                                                      Doubles |
              Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                        -0. 050
0. 017
0. 033
-0. 083
0. 067
                                                                                                                                                                                                                                             33, 274
                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                                                                                            Pass
                                                   64. 00
1720
50. 0000
0. 0060
                                                                                                                                                                                                                                             33. 491
33. 108
32. 608
32. 874
                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                        0.0000
                                                                                                                                                                                                                            6
                                                                                                                                                                                                                                             31.524
32.024
                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                                                                                            Pass
                                                        0.0000
                                                                                                                                                                                                                                                                         -0 067
                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                                                                                            Pass
                                                        0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                             32. 858
33. 624
33. 591
                                                                                                                                                                                                                                                                         0. 017
0. 017
-0. 067
                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                            Pass
Pass
 Normalization constant:
                                                        1.0000 +-
                                                                                 0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                        0.742 +-
0.000 +-
                                                                                  (1)
                                                                                                                                                                                                                                                                                                          (2)
```

	201909_AFAS-B Bottom Fork_Position8.txt		201909_AFAS-B Bo	ttom Fork_Position8.txt
00 5. 1. 2		Passive triples bkgrnd:		0.000
Facility:	JMOX	Passive scaler1 bkgrnd: Passive scaler2 bkgrnd:	1. 342 0. 000	
Material balance area:	JM2G			

Detector type: Detector id: JSR 02 Detector id:
Electronics id:
Inventory change code:
I/O code:
Measurement date:
Results file name: JSR-12 19. 09. 18 11:03:26 99IL0326. VER Inspection number:
Inspection number:
Item id:
Stratum id:
Material type:
Original declared mass: BB8 201909 XXXX Pu 0. 000 Measurement option:
Data source:
QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment: Verification Review disk file On Sample method Measured Passive comment

Isotopics id: Isotopics source code: Pu238: Pu239: Default CO 0.0000 0.0000 0.0000 0.0000 0.0000 +-0.0000 +-100.0000 +-0.0000 0.0000 100.0000 +-Pu240 0.0000 0.0000 0.0000 0.0000 +-0.0000 +-0.0000 +-19.09.18 0.0000 +-19.09.18 Pu241 0.0000 0.0000 Pu242 0.0000 0.0000 Pu date: Am241: 00. 01. 01 0. 0000 00. 01. 01 0.0000 Am date:

(1)

Predelay 1.50 Gate length: 2nd gate length: High voltage: 64. 00 64. 00 1720 50. 0000 Die away time Efficiency 0.0060 0.0000 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction: 0. 0000 0. 0000 0. 0000 0. 0001 Triples gate fraction: 0.0001 Normalization constant: 1.0000 +-

INCC

0.0000 Passive singles bkgrnd: Passive doubles bkgrnd: 0.742 +-0.000 +-0.000 0.000

Number passive cycles Count time (sec)

Passive error messages

No known alpha calibration

Results

Singles: Doubles: Triples: 47. 693 +--0. 007 +-0. 000 +-0. 332 0. 021 0. 000 247. 208 +-Scaler 1: 0.652 Scaler 2: 0.000 +-0.000

Passive cycle raw

Scaler2 QC Tests 0 Pass 0 Pass Cycle Singles Α Scaler1 2952 15133 14833 2985 Pass Pass Pass Pass Pass 2952 2961 2856 2938 15041 14826 15023 14886 11 6 12 13 13 7 Pass Pass Pass Pass 2798 14816 0 6 11 10 2891 14993 2904 14791 0 10

Passive cycle rate data

Cycle Singles Doubles Triples Mass QC Tests 48. 458 49. 008 48. 458 48. 608 0. 000 0. 000 0. 000 0. 017 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 Pass Pass Pass Pass 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 017 -0. 100 0. 017 0. 133 Pass Pass Pass Pass 46. 858 48. 224 0.000 0. 000 0. 000 0. 000 0. 000 0. 000 45. 891 47. 441 47. 658 46. 324 9 10 -0. 067 -0. 083 Pass Pass

(2)

201909_AFAS-B Bottom Fork_Position9.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                      0. 000 +-
1. 342
                                                                                                                                                                                                                                                                                                                                                                                    0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                 Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                      0.000
                                                                                                                                                                                                                                                                                   Number passive cycles:
                                                                                                                                                                                                                                                                                               Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                              Passive error messages
                                                             19. 09. 18 11:21:31
99 IL2131. VER
                                                                                                                                                                                                                                                                              No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                              Results
                                                             BB9 201909
                                                                                                                                                                                                                                                                                                                                          Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                    160, 156 +-
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                        0.489
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                      -0. 045 +-
0. 000 +-
99. 611 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                        0. 085
0. 000
0. 479
0. 000
                                                             On
Sample method
Measured
           Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                                                                                              Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                             A
111
115
109
                                                                                                                                                                                                                                                                                                 Singles
9788
9673
9595
                                                                                                                                                                                                                                                                                                                                 R+A
109
99
90
91
96
104
94
105
                                                                                                                                                                                                                                                                                                                                                                                  Scaler1
6060
5933
6068
                                                                                                                                                                                                                                                                                                                                                                                                            Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                               Cycle
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                         6130
6170
5970
5993
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                         9621
                                                                                                                                                                                                                                                                                                                                                                 96
102
96
122
96
90
119
                                                                                                                                                                                                                                                                                                                                                                                                                          0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                       0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                         9736
9651
9673
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
                                          Pu241:
                                                                                                                                                                                                                                                                                     8
                                                                                                                                                                                                                                                                                                         9667
                                                                                                                                                                                                                                                                                                                                                                                         5992
                                          Pu242:
                                                                                                                                                                                                                                                                                                         9440
                                                                                                                                                                                                                                                                                                                                       118
123
                                                                                                                                                                                                                                                                                                                                                                                         6214
6042
                                     Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000
00. 01. 01
                                                                                                                       19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                                                                                                                                                                                                    10
                                                                                                                                                                                                                                                                                                         9695
                                                                                               0.0000
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                               Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                         Singles
162.391
                                                                                                                                                                                                                                                                                                                                          Doubles
-0.033
-0.267
-0.317
-0.083
-0.100
0.133
-0.467
0.150
0.467
                                                                                                                                                                                                                                                                              Cvcle
                                                                                                                                                                                                                                                                                                                                                                             Triples
                                                                                                                                                                                                                                                                                                                                                                                                                   Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
0. 000
                                                                64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                         160. 474
159. 174
159. 608
161. 524
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                     6
7
                                                                                                                                                                                                                                                                                                          160. 108
160. 474
                                                                                                                                                                                                                                                                                                         160. 474
160. 374
156. 591
160. 841
                                                                       1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.742 +-
0.000 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                        (2)
```

INCC 5. 1. 2						/e triples bk		0.000 +-	0.000		
Facility: Material balance area:						/e scaler1 bk /e scaler2 bk		1. 342 0. 000			
Detector type: Detector id: Electronics id:	JSR_02				Numbe	er passive cy Count time (10 60			
Inventory change code: I/O code:						e error messa					
Measurement date: Results file name: Inspection number:	19. 09. 18 13:20:03 991N2003. VER				No know	wn alpha cali s	bration				
Item id: Stratum id: Material type: Original declared mass:	Pu 0. 000						Singl Doubl Tripl	es:	95. 979 · 0. 057 · 0. 000 ·	+- 0.0 +- 0.0	32 00
Measurement option: Data source: QC tests:	Verification Review disk file On						Scaler Scaler		80. 763 0. 000		
Error calculation: Accidentals method:	Sample method Measured					e cycle raw d			0 1 4		00 T .
Inspector name: Passive comment:					Cycle 1 2	Singles 5842 5835	R+A 39 40	A 35 32	Scaler1 4876 5009	0 0	QC Tests Pass Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	C0 0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.09.18 0.0000 +- 19.09.18	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000		3 4 5 6 7 8 9	5808 5761 5804 5839 5863 5755 5759 5767	34 34 39 30 50 49 34	40 37 33 32 35 43 33 29	4922 4881 4975 4915 4878 4987 4941 4879	0 0 0 0 0	Pass Pass Pass Pass Pass Pass Pass Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0060 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 1. 0	0			Cycle 1 2 3 4 5 6 7 8 9 10	Singles 96. 624 96. 508 96. 058 95. 274 95. 991 96. 574 96. 974 95. 174 95. 241	Double 0. 06 0. 16 -0. 16 -0. 05 0. 11 -0. 02 0. 25 0. 16 0. 01	57 33 50 50 50 50 33 50 00	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Pass Pass Pass Pass Pass Pass Pass
Normalization constant:	1.0000 +- 0.000										
Passive singles bkgrnd: Passive doubles bkgrnd:	0. 742 +- 0. 000 0. 000 +- 0. 000										

201909_AFAS-B Bottom Fork_Position10.txt

```
201909_AFAS-B Collar_Position1.txt
                                                                                                                                                                                                                                                                                                                                201909_AFAS-B Collar_Position1.txt
                                                                                                                                                                                                                                                                                                                                    0.000 +-
INCC 5. 1. 2
                                                                                                                                                                                                                                                                  Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                               0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                  Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                    Number passive cycles:
                                                                                                                                                                                                                                                                                Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                Passive error messages
                                                         19. 09. 18 09:09:04
99 I J0904. VER
                                                                                                                                                                                                                                                                No known alpha calibration
            Results
                                                         BC1 201909
XXXX
                                                                                                                                                                                                                                                                                                                        Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                              1405, 620 +-
                                                                                                                                                                                                                                                                                                                                                                                                  1.574
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                         Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                              8. 228 +-
0. 000 +-
2718. 630 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                  0. 704
0. 000
2. 259
0. 000
                                                         On
Sample method
Measured
                                                                                                                                                                                                                                                                Passive cycle raw data
                                                                                                                                                                                                                                                                                 Singles
84798
84386
84690
                                                                                                                                                                                                                                                                                                                                                              Scaler1
162719
163873
162964
                                                                                                                                                                                                                                                                                                                                                                                      Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                R+A
8108
                                                                                                                                                                                                                                                                Cycle
                                                                                                                                                                                                                                                                                                                                          A
7703
7760
7578
                                                                                                                                                                                                                                                                                                                  8024
8125
                       Isotopics id: Default
                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                 7972
8189
8269
8262
                                                                                                                                                                                                                                                                                                                                            7676
7706
7602
7644
                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                       84752
                                                                                                                                                                                                                                                                                                                                                                 162988
                                                                                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
                                                                                         0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                               0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                       84902
84769
85312
                                                                                                                                                                                                                                                                                                                                                                163249
162514
163671
                                                                                                                                                                                                                                                                                                                                           7593
7501
7687
                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                        Pu241:
                                                                                                                                                                                                                                                                      8
                                                                                                                                                                                                                                                                                       84528
                                                                                                                                                                                                                                                                                                                  8127
                                                                                                                                                                                                                                                                                                                                                                 163162
                                        Pu242:
                                                                                                                                                                                                                                                                                       84345
                                                                                                                                                                                                                                                                                                                  8089
                                                                                                                                                                                                                                                                                                                                                                 163570
                                  Pu date:
Am241:
Am date:
                                                         00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                 19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                                                                                                                                                                                     10
                                                                                                                                                                                                                                                                                       85083
                                                                                                                                                                                                                                                                                                                                                                 162991
                                                                                          0.0000
                                                                                                                                                0.0000
                                                                                                                                                                                                                                                                Passive cycle rate data
                Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                        Doubles
6. 750
4. 398
9. 119
4. 932
8. 051
                                                                                                                                                                                                                                                                                       Singles
1406.312
                                                                1.50
64.00
                                                                                                                                                                                                                                                                                                                                                         Triples
                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                Cvcle
                                                                                                                                                                                                                                                                                                                                                             0.000
0.000
0.000
0.000
0.000
                                                            64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                       1399. 442
1404. 511
1405. 545
1408. 046
                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                           11. 121
10. 303
8. 902
9. 803
8. 902
                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                      6
7
                                                                                                                                                                                                                                                                                       1405. 828
1414. 882
                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
                                                                                                                                                                                                                                                                                       1401. 810
1398. 758
1411. 064
                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                   1.0000 +-
                                                                                                 0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                   7. 309 +-
0. 006 +-
                                                                                                   (1)
                                                                                                                                                                                                                                                                                                                                                                   (2)
```

	201909_AFAS-B Collar_Position2.txt		201909_AFA	S-B Collar_Position2.txt
INCC 5.1.2	JMOX	Passive triples bk Passive scaler1 bk Passive scaler2 bk	grnd: 0.871	0.000
Material balance area: Detector type: Detector id:	MM2G JSR_01 JSR_01	Number passive cy Count time (cles: 10	
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messa	-	
Measurement date: Results file name: Inspection number: Item id:	19. 09. 18 09:27:09 991J2709. VER BC2 201909	No known alpha calil Results	bration	
Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification Review disk file		Singles: Doubles: Triples: Scaler 1: Scaler 2:	3753.612 +- 2.188 61.018 +- 1.378 0.000 +- 0.000 669.557 1.134 0.000 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw da		
Inspector name: Passive comment: Isotopics id:	Default	Cycle Singles 1 225650 2 225394 3 225704	R+A A 57696 54246 57920 53858 58076 54202	Scaler1 Scaler2 QC Tests 40006 0 Pass 40693 0 Pass 39955 0 Pass
Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	CO 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000	4 225477 5 226327 6 225794 7 224947 8 225011 9 225720 10 225167	57622 54368 58009 54306 58359 54462 57172 53754 57609 53772 58166 54708 57739 54166	40332 0 Pass 40277 0 Pass 40270 0 Pass 40270 0 Pass 40231 0 Pass 40240 0 Pass 39983 0 Pass
Am date:	00.01.01 19.09.18	Passive cycle rate	data	
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.0001 0.0001	Cycle Singles 1 3755.796 2 3751.525 3 3756.697 4 3752.910 5 3767.093 6 3758.199 7 3744.066 8 3745.134 9 3756.964 10 3747.737	Doub les 57. 633 67. 858 64. 717 54. 358 61. 860 65. 101 57. 098 64. 098 57. 767 59. 688	Triples Mass QC Tests 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000			
Passive singles bkgrnd: Passive doubles bkgrnd:	7. 309 +- 0. 000 0. 006 +- 0. 000			

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                          0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                                    Passive triples bkgrnd:
Passive scaler1 bkgrnd:
    Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                    Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                                      Number passive cycles:
                                                                                                                                                                                                                                                                                                  Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                 Passive error messages
                                                             19. 09. 18 09:43:13
99IJ4313. VER
                                                                                                                                                                                                                                                                                 No known alpha calibration
             Results
                                                             BC3 201909
XXXX
                                                                                                                                                                                                                                                                                                                                             Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                   52296, 207 +-
                                                                                                                                                                                                                                                                                                                                                                                                                          11.977
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                   11313.595 +-
0.000 +-
166.279 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                          34. 877
0. 000
0. 442
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                                 Passive cycle raw data
                                                                                                                                                                                                                                                                                                    Singles
3107837
3112489
3110649
                                                                                                                                                                                                                                                                                                                              R+A
10956652
10986174
10980004
                                                                                                                                                                                                                                                                                                                                                                                      Scaler1
10038
10045
10126
                                                                                                                                                                                                                                                                                                                                                                                                                Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                  Cycle
                                                                                                                                                                                                                                                                                                                                                       A
10297244
10333328
10318191
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                   3112241
3109877
3114535
3115473
3111763
3111495
3113477
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                              10985170
10972271
10995142
11015614
                                                                                                                                                                                                                                                                                                                                                        10323983
10311952
10345294
10351697
                                                                                                                                                                                                                                                                                                                                                                                          9931
10129
10038
9998
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                              0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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10982044
10988899
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9994
10117
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
                                                                                                                                                                                                                                                                                       8
9
10
                                                                                                                                                                                                                                                                                                                                                        10331671
                                           Pu241:
                                           Pu242:
                                                                                                                                                                                                                                                                                                                                                        10329176
10345319
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                        19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                 Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                               Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                      Singles
52225, 925
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                 Cvcle
                                                                                                                                                                                                                                                                                                                                          Doubles
11364, 818
                                                                                                                                                                                                                                                                                                                                                                                                                       Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                       52304. 773
52273. 586
52300. 569
52260. 501
                                                                                                                                                                                                                                                                                                                                          11252. 291
11406. 616
11396. 024
11380. 771
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                      52339. 451
52355. 350
52292. 468
52287. 925
52321. 519
                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                        6
7
                                                                                                                                                                                                                                                                                                                                          11200, 868
                                                                                                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                                                                                          11443 480
                                                                                                                                                                                                                                                                                                                                          11345. 827
11252. 549
11092. 704
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
 Normalization constant:
                                                                                                       0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       7. 309 +-
0. 006 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                           (2)
```

	201909_AFAS-B Collar_Position4.txt	201909_AFAS-B Collar_Position4.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.871 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JSR_01 JSR_01	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name:	19. 09. 18 09:59:17 991,J5917, VER	No known alpha calibration
Inspection number: Item id:		Results
Stratum id: Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file	Singles: 6719.449 ← 4.799 Doubles: 187.966 ← 3.004 Triples: 0.000 ← 0.000 Scaler 1: 56.177 ← 0.234 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	Sample method	Passive cycle raw data
Inspector name: Passive comment:	medaul eu	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 401588 182485 172634 3480 0 Pass 2 403587 185227 173426 3420 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	CO 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000	3 404033 185324 174046 3449 0 Pass 403890 185705 174108 3347 0 Pass 5 403349 185073 173583 3481 0 Pass 6 401675 183531 172084 3387 0 Pass 7 404095 185097 174277 3455 0 Pass 8 403465 185317 173638 3382 0 Pass 9 402671 184433 173408 3431 0 Pass 10 403347 185160 173851 3397 0 Pass
	00. 01. 01 19. 09. 18	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1970 160. 0000 0. 6419 0. 1030 0. 0000 0. 0001 0. 0001	Cycle Singles Doubles Triples Mass QC Tests 1 6693.025 164.885 0.000 0.000 Pass 2 6726.414 197.529 0.000 0.000 Pass 3 6733.863 188.776 0.000 0.000 Pass 4 6731.475 194.115 0.000 0.000 Pass 5 6722.438 192.323 0.000 0.000 Pass 6 6694.478 191.600 0.000 0.000 Pass 7 6734.899 181.110 0.000 0.000 Pass 8 6724.376 195.487 0.000 0.000 Pass 9 6711.114 184.538 0.000 0.000 Pass 10 6722.405 189.293 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 ← 0.0000 7.309 ← 0.000	
Passive doubles bkgrnd:	0.006 +- 0.000	

```
0.000 +-
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                 Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                    0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                  Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                                    Number passive cycles:
                                                                                                                                                                                                                                                                                                Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                               Passive error messages
                                                             19. 09. 18 10:15:21
99 IK1521. VER
                                                                                                                                                                                                                                                                               No known alpha calibration
             Results
                                                             BC5 201909
                                                                                                                                                                                                                                                                                                                                           Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                  2781.070 +-
                                                                                                                                                                                                                                                                                                                                                                                                                         1.935
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                      32. 536 +-
0. 000 +-
48. 507 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                         1. 241
0. 000
0. 319
                                                                                                                                                                                                                                                                                                                                                                                                                         0.000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                               Passive cycle raw data
                                                                                                                                                                                                                                                                                                  Singles
167298
167020
167666
                                                                                                                                                                                                                                                                                                                                  R+A
31531
31798
31874
                                                                                                                                                                                                                                                                                                                                                                                   Scaler1
2987
3010
2862
                                                                                                                                                                                                                                                                                                                                                                                                             Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                Cycle
                                                                                                                                                                                                                                                                                                                                                            A
29802
29643
29978
                        Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                  31859
31585
31845
31707
31799
                                                                                                                                                                                                                                                                                                                                                            29632
29454
29960
29820
29777
30125
29428
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                         2906
2966
2982
2889
                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                      166999
                                                                                                                                                                                                                                                                                                                                                                                                                           0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                     166613
167570
167773
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
                                          Pu241:
                                                                                                                                                                                                                                                                                                     167207
                                                                                                                                                                                                                                                                                                                                                                                          3054
                                          Pu242:
                                                                                                                                                                                                                                                                                                     167259
166874
                                                                                                                                                                                                                                                                                                                                  31571
31540
                                                                                                                                                                                                                                                                                                                                                                                          2958
3013
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                       19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                                                                                                                                                                                                     10
                                                                                               0.0000
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                               Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                            Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                       Singles
2782, 240
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                               Cvcle
                                                                                                                                                                                                                                                                                                                                           Doubles
28.862
                                                                                                                                                                                                                                                                                                                                                                                                                    Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                        2777. 602
2788. 379
2777. 252
2770. 813
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                              35. 975
31. 651
37. 177
35. 574
31. 467
31. 501
33. 754
24. 137
35. 257
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                      6
7
                                                                                                                                                                                                                                                                                                        2786, 777
                                                                                                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                                        2790 163
                                                                                                                                                                                                                                                                                                       2780. 722
2781. 589
2775. 167
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
                                                                                                      0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       7. 309 +-
0. 006 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                         (2)
```

	201909_AFAS-B Collar_Position6.txt		201909_AF	AS-B Collar_Position6.txt
INCC 5.1.2	JMOX	Passive triples bk; Passive scaler1 bk; Passive scaler2 bk;	grnd: 0.871	- 0.000
Material balance area: Detector type: Detector id:	JM2G JSR_01	Number passive cy Count time (cles: 10	
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messa	-	
Measurement date: Results file name: Inspection number:	19. 09. 18 10:31:25 991K3125. VER	No known alpha cali Results	bration	
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file		Singles: Doubles: Triples: Scaler 1: Scaler 2:	877. 975 +- 0. 872 3. 181 +- 0. 348 0. 000 +- 0. 000 70. 642 +- 0. 432 0. 000 +- 0. 000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw d		
Inspector name: Passive comment: Isotopics id: Isotopics source code: Pu238:	Default CO	Cycle Singles 1 53437 2 53215 3 53188 4 53120 5 52890	R+A A 3291 3000 3228 3092 3210 3098 3204 3004 3118 3009	Scaler1 Scaler2 OC Tests 4447 0 Pass 4376 0 Pass 4227 0 Pass 4362 0 Pass 4241 0 Pass
Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01.01 19.91.8 0.0000 ← 0.0000 ← 0.0000	6 53201 7 52960 8 52906 9 53103 10 53075	3219 2956 3163 2944 3128 2985 3169 2991 3260 3000	4289
Am date:	00.01.01 19.09.18	Passive cycle rate	data	
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient G deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1970 160. 0000 0. 6419 0. 1030 0. 0000 0. 0000 0. 0000 0. 0000	Cycle Singles 1 883, 435 2 879, 734 3 879, 284 4 878, 150 5 874, 316 6 879, 501 7 875, 483 8 874, 583 9 877, 867 10 877, 400	Doub les 4. 847 2. 262 1. 862 3. 329 1. 812 4. 380 3. 646 2. 379 2. 962 4. 330	Triples Mass QC Tests 0.000 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 0.000 Pass 0.0000 Pass 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000			
Passive singles bkgrnd: Passive doubles bkgrnd:	7. 309 +- 0. 000 0. 006 +- 0. 000			

```
0.000 +-
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                      Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                            0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                                         Number passive cycles:
                                                                                                                                                                                                                                                                                                      Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                    Passive error messages
                                                              19. 09. 18 10:48:30
99 IK4830. VER
                                                                                                                                                                                                                                                                                    No known alpha calibration
             Results
                                                              BC7 201909
                                                                                                                                                                                                                                                                                                                                                 Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                           1077. 373 +-
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                 1, 559
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                            4. 722 +-
0. 000 +-
115. 495 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 721
0. 000
0. 350
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                    Passive cycle raw data
                                                                                                                                                                                                                                                                                                       Singles
65171
64886
64828
                                                                                                                                                                                                                                                                                                                                         R+A
4865
4721
4673
                                                                                                                                                                                                                                                                                                                                                                                          Scaler 1
6917
7026
7090
                                                                                                                                                                                                                                                                                                                                                                                                                    Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                                                     A
4428
4627
4461
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                             65465
65141
65431
64620
65286
                                                                                                                                                                                                                                                                                                                                          4674
4752
4937
4838
4865
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                 7002
6990
6893
7039
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                      4628
4455
4511
4547
4619
4470
4433
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0
0
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0
0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                           Pu241:
                                                                                                                                                                                                                                                                                            8
                                                                                                                                                                                                                                                                                                                                                                                                 6884
                                           Pu242:
                                                                                                                                                                                                                                                                                                              65165
64703
                                                                                                                                                                                                                                                                                                                                           4837
                                                                                                                                                                                                                                                                                                                                                                                                 6972
7007
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                          19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                                                                                                                                                                                                          10
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                    Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                    Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                              Singles
1079.064
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                                                                 Doubles
7, 282
1, 562
3, 530
0, 761
4, 948
7, 099
4, 847
4, 097
6, 115
6, 982
                                                                                                                                                                                                                                                                                                                                                                                                                           Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                    Cvcle
                                                                 64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                              1074. 312
1073. 345
1083. 966
1078. 564
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
Pass
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                                                                                                                                                                                                                                                                                                              1083, 399
                                                                                                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                                                              1069 877
                                                                                                                                                                                                                                                                                                              1089. 877
1080. 981
1078. 964
1071. 261
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                        1.0000 +-
                                                                                                        0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        7. 309 +-
0. 006 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                (2)
```

	201909_AFAS-B Collar_Position8.txt		201909_AFAS	-B Collar_Position8.txt
INCC 5.1.2 Facility: Material balance area: Detector type:	JMOX JM2G JSR_01	Passive triples bk; Passive scaler1 bk; Passive scaler2 bk; Number passive cyc	grnd: 0.871 grnd: 0.000	0.000
Detector id: Electronics id: Inventory change code: I/O code:	JSR_01 JSR-12	Count time (s	·	
Measurement date: Results file name: Inspection number: Item id:	19. 09. 18 11:03:34 99IL0334. VER BC8 201909	No known alpha calit Results	bration	
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0,000 Verification Review disk file On		Singles: Doubles: Triples: Scaler 1: Scaler 2:	614. 487 \(+
Error calculation: Accidentals method: Inspector name: Passive comment:	Sample method Measured	Passive cycle raw da Cycle Singles 1 37042 2 37110	R+A A 1523 1474 1565 1516	Scaler1 Scaler2 QC Tests 2784 0 Pass 2923 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 100.0000 0.	3 37555 4 37287 5 37303 6 37007 7 37402 8 37529 9 37242 10 37563 Passive cycle rate of	1636 1508 1541 1459 1624 1495 1524 1461 1634 1460 1507 1561 1546 1503 1624 1395	2710 0 Pass 2710 0 Pass 2790 0 Pass 2765 0 Pass 2799 0 Pass 2663 0 Pass 2801 0 Pass 2730 0 Pass 2759 0 Pass
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1970 160. 0000 0. 6419 0. 1030 0. 0000 0. 00001 0. 00001	Cycle Singles 1 610, 119 2 611, 253 3 618, 671 4 614, 203 5 614, 470 6 609, 536 7 616, 120 8 618, 237 9 613, 453 10 618, 804	Doubles 0. 811 0. 811 2. 128 1. 361 2. 145 1. 044 2. 895 -0. 906 0. 711 3. 812	Triples Mass QC Tests 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 ← 0.0000 7.309 ← 0.000			
Passive doubles bkgrnd:	0.006 +- 0.000			

```
0. 000 +-
0. 871
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                                   0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                             Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                     0.000
                                                                                                                                                                                                                                                                                               Number passive cycles:
                                                                                                                                                                                                                                                                                                            Count time (sec)
                                                               JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                          Passive error messages
                                                               19. 09. 18 11:21:39
99 IL2139. VER
                                                                                                                                                                                                                                                                                          No known alpha calibration
              Results
                                                               BC9 201909
XXXX
                                                                                                                                                                                                                                                                                                                                                        Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                   1202, 188 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                         1, 281
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                               Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                      6. 509 +-
0. 000 +-
30. 465 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                         0. 546
0. 000
0. 323
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                          Passive cycle raw data
                                                                                                                                                                                                                                                                                                              Singles
72727
                                                                                                                                                                                                                                                                                                                                               R+A
5948
5921
5919
                                                                                                                                                                                                                                                                                                                                                                                                  Scaler 1
1778
1825
1817
                                                                                                                                                                                                                                                                                                                                                                                                                             Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                                                                                            A
5560
5656
5650
                                                                                                                                                                                                                                                                                                                    72220
72466
                          Isotopics id: Default
                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                                         1993
1891
1895
1908
1874
    Isotopics source code:
Pu238:
Pu239:
Pu240:
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72866
72589
72693
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6068
6076
5893
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
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5524
5538
5567
5593
5576
5546
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0
0
0
0
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0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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Pass
Pass
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9
10
                                            Pu241:
                                                                                                                                                                                                                                                                                                                    72234
                                                                                                                                                                                                                                                                                                                                                  5917
                                                                                                                                                                                                                                                                                                                    72825
72277
                                            Pu242:
                                                                                                                                                                                                                                                                                                                                                  6024
6013
                                                                                                                                                                                                                                                                                                                                                                                                         1892
1929
                                      Pu242:
Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                            19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                   0.0000
                                                                                                                                                               0.0000
                                                                                                                                                                                                                                                                                          Passive cycle rate data
                                                                 1. 50
64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                           Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                        Doubles
6. 466
4. 414
4. 481
5. 615
9. 068
                                                                                                                                                                                                                                                                                                                    Singles
1205. 044
                                                                                                                                                                                                                                                                                          Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                                    Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                   1205. 044
1196. 590
1200. 692
1203. 927
1207. 361
1202. 743
1204. 477
                                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                              8. 968
5. 432
5. 398
7. 467
7. 783
                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                 6
                                                                                                                                                                                                                                                                                                                    1196. 824
1206. 678
1197. 541
                                                                          1.0000 +-
                                                                                                           0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                          7. 309 +-
0. 006 +-
                                                                                                             (1)
                                                                                                                                                                                                                                                                                                                                                                                                        (2)
```

	201909_AFAS-B Collar_Position10.txt			2019	09_AFAS-B	3 Collar_Pos	ition10.txt
INCC 5.1.2 Facility:		Passi	ive triples bkg ive scaler1 bkg ive scaler2 bkg	grnd: 0.	000 +- 871 000	0.000	
Material balance area: Detector type: Detector id: Electronics id:	JM26 JSR_01 JSR_01 JSR-12	Numb	per passive cyc Count time (s		10 60		
Inventory change code: I/O code:			ve error messag				
Measurement date: Results file name: Inspection number:	99 IN2111. VER	No kno Result	own alpha calib ts	oration			
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	BC10 201909 XXXX Pu 0.000 Verification Review disk file On	D;		Single Double Triple Scaler Scaler	s: s: 1:	1177. 478 +- 4. 796 +- 0. 000 +- 35. 182 +- 0. 000 +-	- 0. 537 - 0. 000 - 0. 198
Error calculation: Accidentals method: Inspector name: Passive comment:	Sample method Measured	Cycle 1	71212	R+A 5603	A 5357	Scaler1 2160	Scaler2 QC Tests 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241. Am date:	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2 3 4 5 6 7 8 9 10 Passiv	71471 70840 71164 70858 71108 71213 70835 71223 70813	5772 5659 5677 5750 5719 5864 5663 5832 5579	5431 5567 5247 5408 5471 5448 5410 5522 5378	2208 2141 2080 2195 2194 2133 2180 2166 2175	O Pass
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Gadatime: Coefficient Gadatime: Triples gate fraction: Triples gate fraction: Normalization constant:	1.50 64.00 1720 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.0000 0.0001 1.0000 +	Cycle 1 2 2 3 4 5 6 7 8 9 100	Singles 1179, 784 1184, 102 1173, 582 1178, 984 1173, 882 1178, 050 1179, 801 1173, 498 1179, 967 1173, 131	Doubles 4. 097 5. 682 1. 529 7. 166 5. 698 4. 131 6. 933 4. 214 5. 165 3. 347		riples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	7. 309 +- 0. 000 0. 006 +- 0. 000						

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INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                            0. 000 +-
0. 871
                                                                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                         0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                          Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                                            Number passive cycles:
                                                                                                                                                                                                                                                                                        Count time (sec)
                                                           JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                       Passive error messages
                                                           19. 09. 18 09:09:04
99 I J0904. VER
                                                                                                                                                                                                                                                                       No known alpha calibration
             Results
                                                           BT1 201909
                                                                                                                                                                                                                                                                                                                                 Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                        1405, 300 +-
                                                                                                                                                                                                                                                                                                                                                                                                             1.573
                                                           XXXX
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                        8. 221 +-
0. 000 +-
2718. 630 +-
0. 000 +-
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0. 000
2. 259
0. 000
                                                           Sample method
Measured
                                                                                                                                                                                                                                                                       Passive cycle raw data
                                                                                                                                                                                                                                                                                         Singles
84798
84386
84690
                                                                                                                                                                                                                                                                                                                         R+A
8108
8024
8125
                                                                                                                                                                                                                                                                                                                                                                        Scaler1
162719
163873
162964
                                                                                                                                                                                                                                                                                                                                                                                                 Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                        Cycle
                                                                                                                                                                                                                                                                                                                                                     A
7703
7760
7578
                        Isotopics id: Default
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
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8189
8269
8262
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7706
7602
7644
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Pass
Pass
Pass
Pass
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84769
85312
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162514
163671
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7501
7687
                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
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                                         Pu241:
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                                                                                                                                                                                                                                                                                                                                                                           163162
                                                                                                                                                                                                                                                                                                                                                                           163570
                                         Pu242:
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                                                                                                                                                                                                                                                                                                                           8089
                                   Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
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0. 0000 +-
19. 09. 18
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                                                                                            0.0000
                                                                                                                                                    0.0000
                                                                                                                                                                                                                                                                       Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                 Doubles
6. 744
4. 394
9. 111
4. 927
8. 044
                                                                  1.50
64.00
                                                                                                                                                                                                                                                                                               Singles
1405. 991
                                                                                                                                                                                                                                                                       Cvcle
                                                                                                                                                                                                                                                                                                                                                                   Triples
                                                                                                                                                                                                                                                                                                                                                                                                        Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                                       0.000
0.000
0.000
0.000
0.000
                                                              64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                               1399. 125
1404. 191
1405. 225
1407. 725
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0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
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Pass
Pass
Pass
Pass
Pass
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                                                                                                                                                                                                                                                                                               1405. 508
1414. 558
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10. 294
                                                                                                                                                                                                                                                                                               1401. 491
1398. 441
1410. 741
                                                                                                                                                                                                                                                                                                                                     8. 894
9. 794
8. 894
                                                                     1.0000 +-
 Normalization constant:
                                                                                                   0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     7. 309 +-
0. 006 +-
                                                                                                     (1)
                                                                                                                                                                                                                                                                                                                                                                              (2)
```

	201909_AFAS-B Top Fork_Position2.txt	201909_AFAS-B Top Fork_Position2.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.871 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JM26 JSR_01 JSR_01 JSR-12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:	00N 12	Passive error messages
Measurement date: Results file name: Inspection number:	19. 09. 18 09:27:09 991J2709. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	BT2 201909 XXXX Pu 0.000 Verification Review disk file	Singles: 3751.343 ← 2.185 Doubles: 60.871 ← 1.374 Triples: 0.000 ← 0.000 Scaler 1: 669.557 ← 1.134 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	weasured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 225650 57696 54246 40006 0 Pass 2 225394 57920 53858 40693 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default 0.0000 ← 0.0000 ← 0.0000 0	3 225704 58076 54202 39955 0 Pass 4 225477 57622 54368 40332 0 Pass 5 226327 58009 54306 40277 0 Pass 6 225794 58359 54462 40270 0 Pass 7 224947 57172 53754 40270 0 Pass 8 225011 57609 53772 40231 0 Pass 9 225720 58166 54708 40240 0 Pass 10 225167 57739 54166 39983 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Cycle Singles Doubles Triples Mass OC Tests 1 3753.525 57.494 0.000 0.000 Pass 2 3749.258 67.694 0.000 0.000 0.000 Pass 3 3754.425 64.561 0.000 0.000 Pass 4 3750.641 54.227 0.000 0.000 Pass 5 3764.808 61.711 0.000 0.000 Pass 6 3755.925 64.944 0.000 0.000 Pass 7 3741.808 56.961 0.000 0.000 Pass 8 3742.875 63.944 0.000 0.000 Pass 9 3754.691 57.627 0.000 0.000 Pass 10 3745.475 59.544 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	7. 309 +- 0. 000 0. 006 +- 0. 000	
	(1)	(2)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                        0. 000 +-
0. 871
                                                                                                                                                                                                                                                                                   Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                      0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                   Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                                     Number passive cycles:
                                                                                                                                                                                                                                                                                                  Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                Passive error messages
                                                             19. 09. 18 09:43:13
99IJ4313. VER
                                                                                                                                                                                                                                                                                No known alpha calibration
                                                                                                                                                                                                                                                                                 Results
              Inspection number
                                                             BT3 201909
                         Item id:
Stratum id:
                                                                                                                                                                                                                                                                                                                                             Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                  51859, 085 +-
                                                                                                                                                                                                                                                                                                                                                                                                                          11, 777
                                                             XXXX
Material type:
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                  10940. 101 +-
0. 000 +-
166. 279 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                        33. 749
0. 000
0. 442
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Sample method
Measured
                                                                                                                                                                                                                                                                                Passive cycle raw data
                                                                                                                                                                                                                                                                                                   Singles
3107837
3112489
3110649
                                                                                                                                                                                                                                                                                                                             R+A
10956652
10986174
10980004
                                                                                                                                                                                                                                                                                                                                                                                     Scaler1
10038
10045
10126
                                                                                                                                                                                                                                                                                                                                                                                                               Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                 Cycle
                                                                                                                                                                                                                                                                                                                                                       A
10297244
10333328
10318191
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                    3112241
3109877
3114535
3115473
                                                                                                                                                                                                                                                                                                                            10985170
10972271
10995142
11015614
                                                                                                                                                                                                                                                                                                                                                        10323983
10311952
10345294
10351697
                                                                                                                                                                                                                                                                                                                                                                                         9931
10129
10038
9998
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                             0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                   3111763
3111495
3113477
                                                                                                                                                                                                                                                                                                                            10989949
10982044
10988899
                                                                                                                                                                                                                                                                                                                                                                                         9874
9994
10117
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                        10331671
                                           Pu241:
                                           Pu242:
                                                                                                                                                                                                                                                                                                                                                        10329176
10345319
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                        19. 09. 18
0. 0000 + 0. 0000
19. 09. 18
                                                                                                                                                                                                                                                                                      10
                                                                                                0.0000
                                                                                                                                                                                                                                                                                Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                               Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                     Singles
51789.975
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                Cvcle
                                                                                                                                                                                                                                                                                                                                         Doubles
10990, 127
                                                                                                                                                                                                                                                                                                                                                                                                                      Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                      51867, 508
51836, 841
51863, 375
51823, 975
                                                                                                                                                                                                                                                                                                                                         10880. 761
11030. 211
11019. 777
11005. 311
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                       51901, 608
                                                                                                                                                                                                                                                                                                                                          10830. 794
11065. 277
                                                                                                                                                                                                                                                                                                                                                                                                                      0.000
                                                                                                                                                                                                                                                                                                      51917. 241
51855. 408
51850. 941
51883. 975
                                                                                                                                                                                                                                                                                                                                        1003. 277
10971. 294
10881. 127
10726. 327
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
 Normalization constant:
                                                                                                       0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       7. 309 +-
0. 006 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                           (2)
```

	201909_AFAS-B Top Fork_Position4.txt	201909_AFAS-B Top Fork_Position4.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.871 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JSR_01 JSR_01	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:	50N 12	Passive error messages
Measurement date: Results file name: Inspection number:	19. 09. 18 09:59:17 99IJ5917. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification Review disk file	Singles: 6712.191 ← 4.789 Doubles: 187.156 ← 2.990 Triples: 0.000 ← 0.000 Scaler 1: 56.177 ← 0.234 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 401588 182485 172634 3480 O Pass 2 405587 185227 173426 3420 O Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default CO 0.0000 ← 0.0000 0.0000 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01.01 0.0000 0.0000 ← 0.0000 0.01.01 0.0000 0.0000 ← 0.0000 0.01.91 0.0000 0.0000 ← 0.0000 0.01.91 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	3 404033 185234 174046 3449 0 Pass 4 403890 185705 174108 3347 0 Pass 5 40349 185073 173583 3481 0 Pass 6 401675 183531 172084 3387 0 Pass 7 404095 185097 174277 3455 0 Pass 8 403465 185317 173638 3382 0 Pass 9 402671 184433 173408 3431 0 Pass 10 403347 185160 173851 3397 0 Pass
Am date.	1.50	Passive cycle rate data Cycle Singles Doubles Triples Mass QC Tests
Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	64.00 64.00 1720 50.0000 0.0080 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	1 6885.825 164.177 0.000 0.000 Pass 2 6719.141 196.677 0.000 0.000 Pass 3 6726.575 187.961 0.000 0.000 Pass 4 6724.191 193.277 0.000 0.000 Pass 5 6715.175 191.494 0.000 0.000 Pass 6 6687.275 190.777 0.000 0.000 Pass 7 6727.608 180.327 0.000 0.000 Pass 8 6717.108 194.644 0.000 0.000 Pass 9 6703.875 183.744 0.000 0.000 Pass 10 6715.141 188.477 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 ← 0.0000 7.309 ← 0.000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.006 + 0.000	
	(1)	(2)

```
0.000 +-
0.871
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                       Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                             0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                        Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                                          Number passive cycles:
                                                                                                                                                                                                                                                                                                       Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                     Passive error messages
                                                              19. 09. 18 10:15:21
99 IK1521. VER
                                                                                                                                                                                                                                                                                     No known alpha calibration
             Results
                                                              BT5 201909
                                                                                                                                                                                                                                                                                                                                                  Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                           2779.823 +-
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                  1.934
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                               32. 477 +-
0. 000 +-
48. 507 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                  1. 238
0. 000
0. 319
                                                                                                                                                                                                                                                                                                                                                                                                                                  0.000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                     Passive cycle raw data
                                                                                                                                                                                                                                                                                                         Singles
167298
167020
167666
                                                                                                                                                                                                                                                                                                                                         R+A
31531
31798
31874
                                                                                                                                                                                                                                                                                                                                                                                           Scaler1
2987
3010
2862
                                                                                                                                                                                                                                                                                                                                                                                                                      Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                      Cycle
                                                                                                                                                                                                                                                                                                                                                                    A
29802
29643
29978
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                         31859
31585
31845
31707
31799
                                                                                                                                                                                                                                                                                                                                                                    29632
29454
29960
29820
29777
30125
29428
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                 2906
2966
2982
2889
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                            166999
                                                                                                                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                            166613
167570
167773
                                                                                                                                                                                                                                                                                                                                                                                                  3054
2958
3013
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
                                           Pu241:
                                                                                                                                                                                                                                                                                                            167207
                                           Pu242:
                                                                                                                                                                                                                                                                                                            167259
166874
                                                                                                                                                                                                                                                                                                                                          31571
31540
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                          19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                                                                                                                                                                                                           10
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                     Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                     Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                              Singles
2780.991
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                                                  Doubles
28.811
                                                                                                                                                                                                                                                                                     Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                             Mass QC Tests
0.000 Pass
                                                                 64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                               2776. 358
2787. 125
2776. 008
2769. 575
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                     35. 911
31. 594
37. 111
35. 511
31. 411
31. 444
33. 694
24. 094
35. 194
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                            6
7
                                                                                                                                                                                                                                                                                                               2785, 525
                                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
                                                                                                                                                                                                                                                                                                              2783. 325
2788. 908
2779. 475
2780. 341
2773. 925
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                         1.0000 +-
 Normalization constant:
                                                                                                         0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         7. 309 +-
0. 006 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                 (2)
```

	201909_AFAS-B Top Fork_Position6.txt	201909_AFAS-B Top Fork_Position6.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.871 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JSR_01 JSR_01	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:	991K3125. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file	Singles: 877.850 ← 0.872 Doubles: 3.179 ← 0.348 Triples: 0.000 ← 0.000 Scaler 1: 70.642 ← 0.432 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method:		Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 55437 3291 3000 4447 0 Pass 2 53215 3228 3092 4376 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default 0.0000 +- 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 00.1.01 19.09.18 0.0000 0.0000 +- 0.0000 19.09.18	3 53188 3210 3098 4227 0 Pass 4 53120 3204 3004 4362 0 Pass 5 52890 3118 3009 4241 0 Pass 6 53201 3219 2956 4289 0 Pass 7 52960 3163 2944 4268 0 Pass 8 52906 3128 2985 4287 0 Pass 9 53103 3169 2991 4238 0 Pass 10 53075 3260 3000 4173 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient G deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 883.308 4.844 0.000 0.000 Pass 2 879.608 2.261 0.000 0.000 Pass 3 879.158 1.861 0.000 0.000 Pass 4 878.025 3.327 0.000 0.000 Pass 5 874.191 1.811 0.000 0.000 Pass 6 879.375 4.377 0.000 0.000 Pass 7 7 875.358 3.644 0.000 0.000 Pass 8 874.458 2.377 0.000 0.000 Pass 9 877.741 2.961 0.000 0.000 Pass 10 877.275 4.327 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	7. 309 +- 0. 000 0. 006 +- 0. 000	
	(1)	(2)

```
0. 000 +-
0. 871
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                                0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                          Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                             Number passive cycles:
                                                                                                                                                                                                                                                                                                         Count time (sec)
                                                               JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                       Passive error messages
                                                               19. 09. 18 10:48:30
99 IK4830. VER
                                                                                                                                                                                                                                                                                       No known alpha calibration
              Results
                                                               BT7 201909
                                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                               1077, 185 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                     1, 558
                                                               XXXX
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                4. 719 +-
0. 000 +-
115. 495 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                     0. 721
0. 000
0. 350
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                       Passive cycle raw data
                                                                                                                                                                                                                                                                                                          Singles
65171
64886
64828
                                                                                                                                                                                                                                                                                                                                            R+A
4865
4721
4673
                                                                                                                                                                                                                                                                                                                                                                                              Scaler 1
6917
7026
7090
                                                                                                                                                                                                                                                                                                                                                                                                                         Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                        Cycle
                                                                                                                                                                                                                                                                                                                                                                         A
4428
4627
4461
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                65465
65141
65431
64620
65286
                                                                                                                                                                                                                                                                                                                                              4674
4752
4937
4838
4865
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                      7002
6990
6893
7039
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                          4628
4455
4511
4547
4619
4470
4433
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0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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Pass
Pass
                                                                                                                                                                                                                                                                                             8
9
10
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                                            Pu241:
                                            Pu242:
                                                                                                                                                                                                                                                                                                                 65165
64703
                                                                                                                                                                                                                                                                                                                                               4837
4852
                                                                                                                                                                                                                                                                                                                                                                                                      6972
7007
                                      Pu242:
Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                           19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                  0.0000
                                                                                                                                                              0.0000
                                                                                                                                                                                                                                                                                       Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                        Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                 Singles
1078.875
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                                                    Doubles
7. 277
1. 561
3. 527
0. 761
4. 944
7. 094
4. 844
4. 094
6. 111
6. 977
                                                                                                                                                                                                                                                                                                                                                                                                                                Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                       Cvcle
                                                                  64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                 1074. 125
1073. 158
1083. 775
1078. 375
                                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
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0. 000
0. 000
0. 000
0. 000
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Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                               6
                                                                                                                                                                                                                                                                                                                 1083, 208
                                                                                                                                                                                                                                                                                                                 1069 691
                                                                                                                                                                                                                                                                                                                 1089, 691
1080, 791
1078, 775
1071, 075
                                                                         1.0000 +-
                                                                                                          0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         7. 309 +-
0. 006 +-
                                                                                                            (1)
                                                                                                                                                                                                                                                                                                                                                                                                    (2)
```

	201909_AFAS-B Top Fork_Position8.txt	201909_AFAS-B Top Fork_Position8.txt
INCC 5.1.2	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.871 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JSR_01 JSR_01	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name:		No known alpha calibration
Inspection number: Item id:		Results
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	Pu 0.000 Verification Review disk file	Singles: 614.425 ← 1.096 Doubles: 1.481 ← 0.417 Triples: 0.000 ← 0.000 Scaler 1: 45.369 ← 0.345 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method:	Sample method	Passive cycle raw data
Inspector name: Passive comment:	medaul eu	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 37042 1523 1474 2784 0 Pass 2 37110 1565 1516 2923 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	CO 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 00.01.01 19.09.18 0.0000 +- 0.0000 +- 0.0000	3 37555 1636 1508 2710 0 Pass 4 37287 1541 1459 2790 0 Pass 5 37303 1624 1495 2765 0 Pass 6 37007 1524 1461 2799 0 Pass 7 37402 1634 1460 2683 0 Pass 8 37529 1507 1561 2801 0 Pass 9 37242 1546 1503 2730 0 Pass 10 37563 1624 1395 2759 0 Pass
Am date:	00. 01. 01 19. 09. 18 1. 50	Passive cycle rate data Cycle Singles Doubles Triples Mass QC Tests
Fredeiay. Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Coefficient C facatime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0080 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	1 610 658 0.811 0.000 0.000 Pass 0.811 0.000 0.000 Pass 0.811 0.000 0.000 Pass 0.811 0.000 0.000 Pass 0.814 0.000 0.000 Pass 0.814 0.000 0.000 Pass 0.814 0.000 0.000 Pass 0.814 0.000 0.000 Pass 0.000 0.000 0.000 Pass 0.000 0.000 0.000 Pass 0.000 0.000 0.000 Pass 0.000
Normalization constant:	1.0000 ÷- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	7. 309 +- 0. 000 0. 006 +- 0. 000	
	(1)	(2)

```
0. 000 +-
0. 871
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                     Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                          0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                      Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                                                        Number passive cycles:
                                                                                                                                                                                                                                                                                                     Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                   Passive error messages
                                                              19. 09. 18 11:21:39
99 IL2139. VER
                                                                                                                                                                                                                                                                                   No known alpha calibration
             Results
                                                              BT9 201909
                                                                                                                                                                                                                                                                                                                                                Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                          1201.953 +-
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                               1. 280
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                             6. 504 +-
0. 000 +-
30. 465 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                               0. 546
0. 000
0. 323
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                   Passive cycle raw data
                                                                                                                                                                                                                                                                                                      Singles
72727
                                                                                                                                                                                                                                                                                                                                        R+A
5948
5921
5919
                                                                                                                                                                                                                                                                                                                                                                                         Scaler 1
1778
1825
1817
                                                                                                                                                                                                                                                                                                                                                                                                                   Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                    Cycle
                                                                                                                                                                                                                                                                                                                                                                    A
5560
5656
5650
                                                                                                                                                                                                                                                                                                             72220
72466
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                    5672
5524
5538
5567
5593
5576
5546
                                                                                                                                                                                                                                                                                                                                                                                                1993
1891
1895
1908
1874
    Isotopics source code:
Pu238:
Pu239:
Pu240:
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72866
72589
72693
                                                                                                                                                                                                                                                                                                                                         6009
6068
6076
5893
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
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0
0
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0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
                                                                                                                                                                                                                                                                                         8
9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                             72234
                                                                                                                                                                                                                                                                                                                                          5917
                                                                                                                                                                                                                                                                                                             72825
72277
                                           Pu242:
                                                                                                                                                                                                                                                                                                                                          6024
6013
                                                                                                                                                                                                                                                                                                                                                                                                1892
1929
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                         19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                   Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                  Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                             Singles
1204.808
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                                                                Doubles
6. 461
4. 411
4. 477
5. 611
9. 061
8. 961
5. 427
5. 394
7. 461
7. 777
                                                                                                                                                                                                                                                                                   Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                          Mass QC Tests
0.000 Pass
                                                                 64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                             1196. 358
1200. 458
1203. 691
1207. 125
                                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                           6
                                                                                                                                                                                                                                                                                                             1202. 508
1204. 241
                                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
                                                                                                                                                                                                                                                                                                             1196. 591
1206. 441
1197. 308
                                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                        1.0000 +-
                                                                                                        0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        7. 309 +-
0. 006 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                               (2)
```

	201909_AFAS-B Top Fork_Position10.txt	201909_AFAS-B Top Fork_Position10.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.871 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JM26 JSR_01 JSR_01 JSR-12	Number passive cycles: 10 Count time (sec): 60
Inventory change code:	OUT 12	Passive error messages
Measurement date: Results file name:	19.09.18 13:21:11 99IN2111. VER	No known alpha calibration
Inspection number: Item id:	BT10 201909	Results
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file On	Singles: 1177. 253 ← 1. 184 Doubles: 4.792 ← 0. 537 Triples: 0.000 ← 0.000 Scaler 1: 35. 182 ← 0. 198 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	medsureu	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 71212 5603 5357 2160 O Pass 2 71471 5772 5431 2208 O Pass
Isotopics id: Isotopics source code: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	$\begin{array}{llllllllllllllllllllllllllllllllllll$	3 70840 5659 5567 2141 0 Pass 4 71164 5677 5247 2080 0 Pass 5 70858 5750 5408 2195 0 Pass 6 71108 5719 5471 2194 0 Pass 7 71213 5864 5448 2133 0 Pass 8 70835 5663 5410 2180 0 Pass 9 71223 5832 5522 2166 0 Pass 10 70813 5579 5378 2175 0 Pass
Am date:		Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0080 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 1179.558 4.094 0.000 0.000 Pass 2 1183.875 5.677 0.000 0.000 Pass 3 1173.358 1.527 0.000 0.000 Pass 4 1178.758 7.161 0.000 0.000 Pass 5 1173.658 5.694 0.000 0.000 Pass 6 1177.825 4.127 0.000 0.000 Pass 7 1179.575 6.927 0.000 0.000 Pass 8 1173.275 4.211 0.000 0.000 Pass 9 1179.741 5.161 0.000 0.000 Pass 10 1172.908 3.344 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	7. 309 +- 0. 000 0. 006 +- 0. 000	
	(1)	(2)

201909_AFAS-P Bottom Fork_Position1.txt

```
0.000 +-
0.999
INCC 5. 1. 2
                                                                                                                                                                                                                                                                               Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                  0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                Passive scaler2 bkgrnd
                                                                                                                                                                                                                                                                                                                                                     0.000
                                                                                                                                                                                                                                                                                  Number passive cycles:
                                                                                                                                                                                                                                                                                              Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                             Passive error messages
                                                             19. 09. 18 09:08:57
99 I J0857. VER
                                                                                                                                                                                                                                                                             No known alpha calibration
             Results
                                                             PB1 201909
                                                                                                                                                                                                                                                                                                                                         Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                 1124, 656 +-
                                                                                                                                                                                                                                                                                                                                                                                                                      1, 699
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                     5. 173 +-
0. 000 +-
53. 663 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 237
0. 000
0. 431
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                             Passive cycle raw data
                                                                                                                                                                                                                                                                                                Singles
68341
67851
                                                                                                                                                                                                                                                                                                                                R+A
5153
5222
5231
                                                                                                                                                                                                                                                                                                                                                                                 Scaler 1
3267
3386
3331
                                                                                                                                                                                                                                                                                                                                                                                                           Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                              Cycle
                                                                                                                                                                                                                                                                                                                                                            A
4802
4879
5026
                         Isotopics id: Default
                                                                                                                                                                                                                                                                                                      68145
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                  5128
5295
5183
5181
                                                                                                                                                                                                                                                                                                                                                            4833
5008
4846
4821
                                                                                                                                                                                                                                                                                                                                                                                      3112
3272
3320
3246
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
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0
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0
0
0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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67517
67745
68369
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5272
5096
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
                                          Pu241:
                                                                                                                                                                                                                                                                                    8
                                                                                                                                                                                                                                                                                                                                                              4959
                                                                                                                                                                                                                                                                                                                                                                                       3313
                                          Pu242:
                                                                                                                                                                                                                                                                                                      68474
                                                                                                                                                                                                                                                                                                                                                              4950
                                                                                                                                                                                                                                                                                                                                                                                       3359
3191
                                    Pu242:
Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                       19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                                                                                                                                                                                                   10
                                                                                                                                                                                                                                                                                                      67663
                                                                                               0.0000
                                                                                                                                                        0.0000
                                                                                                                                                                                                                                                                             Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                          Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                         Doubles
5. 846
5. 713
3. 412
4. 913
4. 779
                                                                                                                                                                                                                                                                                                      Singles
1129.970
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                             Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                 Mass QC Tests
0.000 Pass
                                                               64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                      1121. 803
1126. 703
1124. 970
1125. 553
                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                             5. 612
5. 996
5. 213
5. 362
4. 879
                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
0. 000
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0. 000
0. 000
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0. 000
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Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                    6
7
                                                                                                                                                                                                                                                                                                      1116, 236
                                                                                                                                                                                                                                                                                                      1120. 036
1130. 436
1132. 186
1118. 670
                                                                       1.0000 +-
                                                                                                      0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       9. 047 +-
0. 004 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                      (2)
```

	201909_AFAS-P Bottom Fork_Position2.txt		201909_AFAS-	P Bottom Fork_Position2.txt
INCC 5. 1. 2		Passive triples bk Passive scaler1 bk	grnd: 0.999	- 0.000
Facility: Material balance area: Detector type:	JMOX JM2G JSR 03	Passive scaler2 bk Number passive cy	cles: 10	
Detector id: Electronics id: Inventory change code:	JSR_03 JSR-12	Count time (Passive error messa	•	
I/O code: Measurement date: Results file name:	19.09.18 09:28:02 991J2802. VER	No known alpha cali	bration	
Inspection number: Item id: Stratum id:	PB2 201909 XXXX	Results	Singles:	1381.773 +- 1.103
Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file		Doubles: Triples: Scaler 1: Scaler 2:	7. 551 \(\to \) 0. 667 0. 000 \(\to \) 0. 000 46. 124 \(\to \) 0. 180 0. 000 \(\to \) 0. 000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw d	ata	
Inspector name: Passive comment:		Cycle Singles 1 83349 2 83309	R+A A 7750 7531 7982 7378	Scaler1 Scaler2 QC Tests 2830 0 Pass 2807 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01.01 19.09.18 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 0.001.01 19.09.18	3 83419 4 83649 5 83628 6 83630 7 83088 8 83763 9 83304 10 83353	7817 7441 7897 7490 7933 7459 7965 7429 7800 7358 8167 7500 7920 7516 7831 7431	2866 0 Pass 2830 0 Pass 2867 0 Pass 2846 0 Pass 2793 0 Pass 2793 0 Pass 2846 0 Pass 2756 0 Pass 2833 0 Pass
Predelay:	1.50 64.00 1720 50.0000 0.0127 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	Cycle Singles 1 1380.103 2 1379.436 3 1381.270 4 1385.103 5 1384.753 6 1384.756 7 1375.753 8 1387.003 9 1379.353 10 1380.170	Doub I es 3. 646 10. 063 6. 263 6. 779 7. 963 8. 929 7. 362 11. 113 6. 729 6. 663	Triples Mass QC Tests 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd: Passive doubles bkgrnd:	1.0000 \(\dots \) 0.0000 9.047 \(\dots \) 0.000 0.004 \(\dots \) 0.000			

201909_AFAS-P Bottom Fork_Position3.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                          0.000 +-
                                                                                                                                                                                                                                                                                                                                                     0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                          Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                            Number passive cycles:
                                                                                                                                                                                                                                                                       Count time (sec)
                                                        JSR-12
   Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                        Passive error messages
                                                        19. 09. 18 09:43:06
99IJ4306. VER
                                                                                                                                                                                                                                                        No known alpha calibration
                                                                                                                                                                                                                                                        Results
             Inspection number
                                                        PB3 201909
                        Item id:
Stratum id:
                                                                                                                                                                                                                                                                                                               Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                        XXXX
                                                                                                                                                                                                                                                                                                                                                     744.276 +-
                                                                                                                                                                                                                                                                                                                                                                                      1, 138
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                       Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                       2. 607 +-
0. 000 +-
59. 448 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                      0. 317
0. 000
0. 371
0. 000
         QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                        Sample method
Measured
                                                                                                                                                                                                                                                        Passive cycle raw data
                                                                                                                                                                                                                                                                         Singles
45111
45176
45377
                                                                                                                                                                                                                                                                                                                                                                           Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                       R+A
2289
                                                                                                                                                                                                                                                                                                                                                   Scaler1
3727
                                                                                                                                                                                                                                                        Cycle
                                                                                                                                                                                                                                                                                                                                A
2180
2138
2119
                                                                                                                                                                                                                                                                                                         2350
2354
                                                                                                                                                                                                                                                                                                                                                         3625
3687
                      Isotopics id: Default
   Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                        0. 0000 +-
0. 0000 +-
100. 0000 +-
                                                                                                                                                                                                                                                                                                        2339
2263
2310
2387
                                                                                                                                                                                                                                                                                                                                2254
2163
2132
2178
                                                                                                                                                                                                                                                                                                                                                         3572
3522
3739
3611
                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                               45350
                                                                                                                                                                                                                                                                                                                                                                                        0
0
0
0
0
0
                                                                                      0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                               44826
45313
45184
                                                                                                                                                                                                                                                                                                                                2180
2188
2172
                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
                                                            0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                        2403
                                       Pu241:
                                                                                                                                                                                                                                                              8
                                                                                                                                                                                                                                                                               45574
                                                                                                                                                                                                                                                                                                                                                          3621
                                       Pu242:
                                                                                                                                                                                                                                                                               44958
                                                                                                                                                                                                                                                                                                         2312
                                                                                                                                                                                                                                                                                                                                                          3574
3590
                                 Pu242:
Pu date:
Am241:
Am date:
                                                        00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                             19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                                                                                                                                                                             10
                                                                                                                                                                                                                                                                               45125
                                                                                       0.0000
                                                                                                                                            0.0000
                                                                                                                                                                                                                                                        Passive cycle rate data
                Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                              1.50
64.00
                                                                                                                                                                                                                                                                                Singles
742.803
                                                                                                                                                                                                                                                        Cvcle
                                                                                                                                                                                                                                                                                                               Doubles
1.813
                                                                                                                                                                                                                                                                                                                                               Triples
                                                                                                                                                                                                                                                                                                                                                                                 Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                  0.000
0.000
0.000
0.000
0.000
                                                           64. 00
1720
50. 0000
0. 0127
                                                                                                                                                                                                                                                                                 743. 886
747. 236
746. 786
738. 053
                                                                                                                                                                                                                                                                                                                   3. 529
3. 912
1. 413
1. 663
                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
Pass
                                                                 0.0000
                                                                                                                                                                                                                                                              6
7
                                                                                                                                                                                                                                                                                 746. 170
744. 020
                                                                                                                                                                                                                                                                                                                   2. 962
3. 479
                                                                                                                                                                                                                                                                                                                                                   0.000
0.000
                                                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                 0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                 750. 520
740. 253
743. 036
                                                                                                                                                                                                                                                                                                                   3. 712
2. 063
1. 529
                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
 Normalization constant:
                                                                 1.0000 +-
                                                                                              0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                 9.047 +-
0.004 +-
                                                                                                (1)
                                                                                                                                                                                                                                                                                                                                                        (2)
```

201909_AFAS-P Bottom Fork_Position4.txt	201909_AFAS-P Bottom Fork_Position4.txt	
	Passive triples bkgrnd: 0.000 + 0.000	
	Passive scaler1 bkgrnd: 0.999	
· IMOV	Pagaina agalar? bkgrpd: 0.000	

Facility: Material balance area: Detector type: Detector id: Electronics id: Inventory change code: I/O code: Measurement date: Results file name: Inspection number: Item id: Stratum id: Stratum id: Material type: Original declared mass: Measurement option: Data source: OC tests: Error calculation: Accidentals method: Inspector name: Passive comment:	JMOX JM26 JSR 03 JSR 03 JSR-12 19.09.18 10: 991K0010. VER PB4 201909 XXXX Pu 0.000 Verification Review disk f On Sample method Measured	ile		
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu241: Pu242: Pu date: Am 241: Am date: Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	Default C0 0.0000 ← 0.0000 ← 100.0000 ← 0.0000 ← 0.0000 ← 0.0000 ← 0.01.01 1.50 64.00 64.00 1720 50.0000 0.0127 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0001	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	0.0000	0.0000 0.0000 0.0000 0.0000 0.0000

1.0000 +-

9. 047 +-0. 004 +-

0.0000

0. 000 0. 000 (1)

Normalization constant:

Passive singles bkgrnd: Passive doubles bkgrnd:

INCC 5. 1. 2

Passiv	ve scaler2 bk	grnd:	0.000			
Numbe	er passive cyc Count time (s		10 60			
Passive	error messag	ges				
No know	n alpha calib	oration				
Results	;					
		Doub		1573. 090 8. 644 0. 000 260. 713 0. 000	+- 0.6 +- 0.0 +- 0.4	82 00 67
Passive	cycle raw da	ata				
Cycle 1 2 3 4 5 6 6 7 8 9 10 Passive	Singles 94753 95108 95325 95158 94569 95388 94773 94681 95071 94456	R+A 9934 10305 10252 10319 10082 10150 10095 10167 10020 9941	A 9536 9797 9550 9679 9463 9627 9651 9518 9672 9583	Scaler1 15777 15756 15804 15771 15605 15718 15566 15676 15585 15769	Scaler2 0 0 0 0 0 0 0 0 0 0	Pass Pass Pass Pass Pass Pass Pass Pass
Cycle 1 2 3 4 5	Singles 1570, 170 1576, 086 1579, 703 1576, 920 1567, 103	8. 4 11. 6 10. 6	529 163 596	Triples 0.000 0.000 0.000 0.000 0.000 0.000	Mass 0. 000 0. 000 0. 000 0. 000 0. 000	Pass Pass Pass Pass

(2)

201909_AFAS-P Bottom Fork_Position5.txt

Normalization constant:

Passive singles bkgrnd: Passive doubles bkgrnd: 1.0000 +-

9. 047 +-0. 004 +- 0.0000

0. 000 0. 000 (1)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                             Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                  0.000 +-
0.999
                                                                                                                                                                                                                                                                                                                                                                               0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                              Passive scaler2 bkgrnd
                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                Number passive cycles:
                                                                                                                                                                                                                                                                                            Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                           Passive error messages
                                                            19. 09. 18 10:15:15
99 IK1515. VER
                                                                                                                                                                                                                                                                           No known alpha calibration
             Results
                                                            PB5 201909
                                                                                                                                                                                                                                                                                                                                      Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                              1404.076 +-
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                   2.053
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                7. 851 +-
0. 000 +-
140. 234 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 537
0. 000
0. 468
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                           Passive cycle raw data
                                                                                                                                                                                                                                                                                             Singles
84343
84362
84814
                                                                                                                                                                                                                                                                                                                                                                             Scaler 1
8394
8441
8365
                                                                                                                                                                                                                                                                                                                                                                                                       Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                              R+A
8150
                                                                                                                                                                                                                                                                            Cycle
                                                                                                                                                                                                                                                                                                                                                          A
7569
                                                                                                                                                                                                                                                                                                                                7850
8061
                                                                                                                                                                                                                                                                                                                                                          7552
7628
                         Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                               8128
8318
8265
8212
                                                                                                                                                                                                                                                                                                                                                                                    8604
8332
8504
8534
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                    84811
                                                                                                                                                                                                                                                                                                                                                          7522
7768
7751
7671
7763
7920
7591
                                                                                                                                                                                                                                                                                                                                                                                                                     0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                     0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                    85493
84804
84825
                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
                                          Pu241:
                                                                                                                                                                                                                                                                                  8
                                                                                                                                                                                                                                                                                                    84614
                                                                                                                                                                                                                                                                                                                                8176
                                                                                                                                                                                                                                                                                                                                                                                    8541
                                          Pu242:
                                                                                                                                                                                                                                                                                                    85367
                                                                                                                                                                                                                                                                                                                                8338
7950
                                                                                                                                                                                                                                                                                                                                                                                     8476
8549
                                    Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000
00. 01. 01
                                                                                                                      19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                                                                                                                                                                                                 10
                                                                                                                                                                                                                                                                                                    84441
                                                                                              0.0000
                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                            Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                       Triples
0.000
0.000
0.000
0.000
0.000
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                                                    Singles
1396.670
                                                                                                                                                                                                                                                                                                                                      Doubles

9. 679

4. 963

7. 213

10. 096

9. 162

8. 563

9. 013

6. 879

6. 963

5. 979
                                                                                                                                                                                                                                                                           Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                              Mass QC Tests
0.000 Pass
                                                               64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                    1396. 986
1404. 520
1404. 470
1415. 836
                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                   1404. 353
1404. 703
1401. 186
1413. 736
1398. 303
                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                  6
                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
                                                                                                     0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      9.047 +-
0.004 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                   (2)
```

	201909_AFAS-P B	Bottom Fo	rk_Position6.t	xt			2019	009_AFAS-F	Bottom Fork	_Position6	i. txt
INCC 5.1.2 Facility:	JMOX				Passiv	e triples bkg e scaler1 bkg e scaler2 bkg	grnd:	0.000 +- 0.999 0.000	0.000		
Material balance area: Detector type: Detector id: Electronics id:	JM2G JSR_03 JSR_03 JSR-12					r passive cyc Count time (s		10 60			
Inventory change code: I/O code:						error messag	,				
Measurement date: Results file name: Inspection number:	19. 09. 18 10:31 99 IK3119. VER	1:19			No know Results	n alpha calib	oration				
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	PB6 201909 XXXX Pu 0.000 Verification Review disk fil	le			Rodules		Dou Tri Scal	gles: bles: ples: er 1: er 2:	1905. 673 15. 036 0. 000 69. 579 0. 000	+- 0.5 +- 0.00 +- 0.29	19 00 93
QC tests: Error calculation: Accidentals method:	On Sample method Measured				Passive	cycle raw da	nta				
Inspector name: Passive comment:	modour ou				Cycle 1 2	Singles 114697 114859	R+A 14955 15047	A 14125 14049	Scaler1 4247 4275	Scaler2 0 0	QC Tests Pass Pass
Isotopics id: Isotopics source code: Pu238:	Default CO 0.0000 +- 0	0. 0000	0.0000 +-	0.0000	3 4 5	114884 115020 115137	14689 14805 15145	13905 14011 14312	4257 4099 4288	0 0 0	Pass Pass Pass
Pu239: Pu240: Pu241: Pu242:	100.0000 +- (0 0.0000 +- (0 0.0000 +- (0	0. 0000 0. 0000 0. 0000 0. 0000	0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +-	0.0000 0.0000 0.0000 0.0000	6 7 8 9	114091 115419 115421 114294	14842 15169 14989 14875	13941 14273 14065 13779	4237 4246 4180 4254	0 0 0	Pass Pass Pass Pass
Pu date: Am241: Am date:	00. 01. 01 0. 0000 +- 0 00. 01. 01	0. 0000	19. 09. 18 0. 0000 +- 19. 09. 18	0.0000	10 Passive	115010 cycle rate o	14887 lata	13919	4264	0	Pass
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0127 0. 0000 0. 0000 0. 0000				Cycle 1 2 3 4 5 6 7 8	Singles 1902. 570 1905. 270 1905. 686 1907. 953 1909. 903 1892. 470 1914. 603 1914. 636	Doub 13. 16. 13. 13. 13. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15	829 629 063 229 879 013 929	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000	Pass Pass Pass Pass Pass Pass Pass
Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0. 0000 0. 0001 0. 0001				9 10	1895. 853 1907. 786	18. 16.	262	0. 000 0. 000	0. 000 0. 000	Pass

201909_AFAS-P Bottom Fork_Position7.txt

Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:

Normalization constant:

Passive singles bkgrnd: Passive doubles bkgrnd:

0.0001

1.0000 +-

9. 047 +-0. 004 +-

0.0000

0. 000 0. 000 (1)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                        Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                            0.000 +-
                                                                                                                                                                                                                                                                                                                                                                        0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                         Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                           Number passive cycles:
                                                                                                                                                                                                                                                                                       Count time (sec)
                                                           JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                      Passive error messages
                                                           19. 09. 18 10:48:24
99 IK4824. VER
                                                                                                                                                                                                                                                                      No known alpha calibration
                                                                                                                                                                                                                                                                       Results
             Inspection number
                                                           PB7 201909
                         Item id:
Stratum id:
                                                                                                                                                                                                                                                                                                                                Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                       4897, 115 +-
                                                           XXXX
                                                                                                                                                                                                                                                                                                                                                                                                            4, 485
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                         99.019 +-
0.000 +-
110.553 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                            1. 805
0. 000
0. 446
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                      Passive cycle raw data
                                                                                                                                                                                                                                                                                         Singles
294220
293398
294994
                                                                                                                                                                                                                                                                                                                        R+A
97866
97241
98980
                                                                                                                                                                                                                                                                                                                                                                       Scaler 1
6721
6614
6745
                                                                                                                                                                                                                                                                                                                                                                                                 Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                       Cycle
                                                                                                                                                                                                                                                                                                                                                 A
92199
91823
92410
                        Isotopics id: Default
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                           294994
294185
294558
293220
295347
293330
                                                                                                                                                                                                                                                                                                                                                                             6716
6634
6647
6641
6788
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                       98091
98456
97268
98808
                                                                                                                                                                                                                                                                                                                                                 92439
92296
91260
92852
                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                              0
0
0
0
0
0
                                                                                           0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                    0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                   0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                  91984
                                         Pu241:
                                                                                                                                                                                                                                                                             8
                                                                                                                                                                                                                                                                                                                        98234
                                         Pu242:
                                                                                                                                                                                                                                                                                           295595
294850
                                                                                                                                                                                                                                                                                                                        99006
                                                                                                                                                                                                                                                                                                                                                  93324
92737
                                                                                                                                                                                                                                                                                                                                                                              6578
                                   Pu242:
Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000
00. 01. 01
                                                                                                                    19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                                                                                                                                                                                            10
                                                                                                                                                                                                                                                                                                                                                                              6847
                                                                                            0.0000
                                                                                                                                                    0.0000
                                                                                                                                                                                                                                                                       Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                Doubles
94. 446
90. 296
109. 496
94. 196
102. 663
                                                                                                                                                                                                                                                                                                                                                                 Triples
0.000
0.000
0.000
0.000
0.000
                                                                  1.50
64.00
                                                                                                                                                                                                                                                                                              Singles
4894. 620
                                                                                                                                                                                                                                                                      Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                       Mass QC Tests
0.000 Pass
                                                              64. 00
1720
50. 0000
0. 0127
                                                                                                                                                                                                                                                                                              4880. 920
4907. 520
4894. 036
4900. 253
                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                     0. 0027
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                             6
7
                                                                                                                                                                                                                                                                                              4877, 953
                                                                                                                                                                                                                                                                                                                                  100, 129
                                                                                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                                                                                 99. 263
104. 163
94. 696
100. 846
                                                                                                                                                                                                                                                                                              4913 403
                                                                                                                                                                                                                                                                                              4879. 786
4917. 536
4905. 120
                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                     1.0000 +-
 Normalization constant:
                                                                                                   0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     9.047 +-
0.004 +-
                                                                                                     (1)
                                                                                                                                                                                                                                                                                                                                                                            (2)
```

	201909_AFAS-P Bottom Fork	_Position8.tx	κt			201	909_AFAS-F	Bottom Fork	_Position8	. txt
INCC 5. 1. 2				Passi	ve triples b ve scaler1 b	kgrnd:	0.000 +- 0.999	0.000		
Facility: Material balance area:	JMOX JM2G				ve scaler2 b	-	0. 000			
Detector type: Detector id:	JSR_03 JSR_03			Numb	er passive c Count time		10 60			
Electronics id: Inventory change code: I/O code:	JSR-12			Passiv	e error mess	ages				
Measurement date: Results file name:	19. 09. 18 11:04:28 99 IL 0428. VER			No kno	wn alpha cal	ibration				
Inspection number: Item id:	PB8 201909			Result	S					
Stratum id: Material type: Original declared mass: Measurement option:	XXXX Pu 0.000 Verification					Do Tr	ngles: ubles: iples: ler 1:	42531. 110 + 7214. 816 + 0. 000 + 343. 943 +	- 29.98 - 0.00	30 30
Data source: QC tests:	Review disk file On						ler 2:	0.000 +		
Error calculation: Accidentals method:	Sample method Measured			Passiv	e cycle raw	data				
Inspector name: Passive comment:	measureu			Cycle 1 2	Singles 2553142 2554799	R+A 7392515 7391190	A 6949464 6958447	Scaler1 20323 20833		QC Tests Pass Pass
Isotopics id: Isotopics source code:	Default CO			3	2551040 2550730	7369492 7373385	6946729 6943657	20952 20790	0	Pass Pass
Pu238: Pu239:	0.0000 +- 0.0000 0.0000 +- 0.0000	0.0000 +- 0.0000 +-	0. 0000 0. 0000	5	2553385 2547416	7390505 7353445	6957291 6918887	20434 20886	0	Pass Pass
Pu240: Pu241:		00.0000 +- 0.0000 +-	0. 0000 0. 0000	7 8	2556146 2552724	7412194 7392989	6974036 6956912	20580 20899	0	Pass Pass
Pu241: Pu242: Pu date:	0.0000 +- 0.0000	0.0000 +- 0.0000 +- 19.09.18	0.0000	9 10	2552724 2552239 2552473	7384229 7376175	6952830 6948974	20712 20556	0	Pass Pass
Am241: Am date:	0.0000 +- 0.0000	0.0000 +- 19.09.18	0.0000		e cycle rate		0340374	20330	v	газэ
		19. 09. 10								
Predelay: Gate length:	1.50 64.00			Cycle 1	Singles 42543.320	7384		Triples 0.000	Mass 0. 000	
2nd gate length: High voltage:	64. 00 1720			2	42570. 936 42508. 286	7046	. 046	0. 000 0. 000	0.000	Pass
Die away time: Efficiency:	50. 0000 0. 0127			5	42503. 120 42547. 370	7220	. 229	0. 000 0. 000	0.000	Pass
Multiplicity deadtime: Coefficient A deadtime:	0. 0000 0. 0000			6 7	42447. 886 42593. 386	7302	. 629	0. 000 0. 000	0. 000 0. 000	Pass
Coefficient B deadtime: Coefficient C deadtime:	0. 0000 0. 0000			8	42536. 353 42528. 270	7189	. 979	0. 000 0. 000	0. 000 0. 000	Pass
Doubles gate fraction:	0.0001			10	42532. 170	7120	. 012	0.000	0. 000	Pass

201909_AFAS-P Bottom Fork_Position9.txt

9. 047 +-0. 004 +- 0. 000 0. 000 (1)

Passive singles bkgrnd: Passive doubles bkgrnd:

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                             Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                  0.000 +-
0.999
                                                                                                                                                                                                                                                                                                                                                                               0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                              Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                Number passive cycles:
                                                                                                                                                                                                                                                                                            Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                           Passive error messages
                                                            19. 09. 18 11:21:33
99 IL2133. VER
                                                                                                                                                                                                                                                                           No known alpha calibration
             Results
                                                            PB9 201909
                                                                                                                                                                                                                                                                                                                                      Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                             8138, 446 +-
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                   2, 744
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                             263. 206 +-
0. 000 +-
1145. 246 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                   5. 538
0. 000
1. 385
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                           Passive cycle raw data
                                                                                                                                                                                                                                                                                             Singles
488734
488464
489273
                                                                                                                                                                                                                                                                                                                           R+A
270515
271316
272062
                                                                                                                                                                                                                                                                                                                                                                             Scaler 1
68943
68876
68795
                                                                                                                                                                                                                                                                                                                                                                                                       Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                            Cycle
                                                                                                                                                                                                                                                                                                                                                     A
255057
253944
254479
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                     254479
256066
254429
255747
255503
255517
255982
255147
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                           270710
269921
272308
271209
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                 489318
                                                                                                                                                                                                                                                                                                                                                                                  69012
                                                                                                                                                                                                                                                                                                                                                                                                                     0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                     0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                 488259
489658
489213
                                                                                                                                                                                                                                                                                                                                                                                  68279
68887
68758
                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
                                          Pu241:
                                                                                                                                                                                                                                                                                                 488589
                                                                                                                                                                                                                                                                                                                           270862
                                                                                                                                                                                                                                                                                                                                                                                  69006
                                          Pu242:
                                                                                                                                                                                                                                                                                                 488954
488034
                                                                                                                                                                                                                                                                                                                           270504
270390
                                                                                                                                                                                                                                                                                                                                                                                  68869
                                    Pu242:
Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                      19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                                                                                                                                                                                                10
                                                                                                                                                                                                                                                                                                                                                                                  68322
                                                                                              0.0000
                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                           Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                       Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                   Singles
8136.520
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                           Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                              Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                       Doubles 257. 629
                                                               64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                   8132. 020
8145. 503
8146. 253
8128. 603
                                                                                                                                                                                                                                                                                                                                       289. 529
293. 046
244. 063
258. 196
                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                      276. 012
261. 762
255. 746
242. 029
254. 046
                                                                                                                                                                                                                                                                                                  8151. 920
8144. 503
8134. 103
8140. 186
8124. 853
                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                  6
7
                                                                                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
 Normalization constant:
                                                                                                     0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      9.047 +-
0.004 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                   (2)
```

	201909_AFAS-P Bottom Fork_Position10.txt		201909_AFAS-P	Bottom Fork_Position10.txt
INCC 5. 1. 2		Passive triples b	grnd: 0.000 +-	0.000
Facility:	JMOX	Passive scaler1 bl Passive scaler2 bl		
Material balance area:		rassive scalerz bi	igriiu. 0.000	
Detector type:		Number passive cy		
Detector id: Electronics id:		Count time	(sec): 60	
Inventory change code:	00N-12	Passive error messa	iges	
I/O code:			•	
Measurement date: Results file name:		No known alpha cal	bration	
Inspection number:	551N2000. VLN	Results		
Item id:				
Stratum id: Material type:			Singles: Doubles:	3437. 913 +- 1. 963 46. 061 +- 1. 342
			Triples:	0.000 + 0.000
Measurement option:	Verification		Scaler 1:	2618.851 +- 1.646
Data source: QC tests:			Scaler 2:	0.000 +- 0.000
Error calculation:		Passive cycle raw of	lata	
Accidentals method:	Measured			
Inspector name: Passive comment:		Cycle Singles 1 206476	R+A A 48080 45385	Scaler1 Scaler2 QC Tests 157174 0 Pass
rassive comment.		2 206435	48271 45391	157694 0 Pass
Isotopics id:		3 207214	48508 45564	157378 0 Pass
Isotopics source code: Pu238:	CO 0,0000 +- 0,0000 0,0000 +- 0,0000	4 206467 5 207545	48075 45623 48676 46065	156676 0 Pass 157149 0 Pass
Pu239:	0.0000 +- 0.0000	6 206500	48104 45317	157037 0 Pass
Pu240:	100.0000 +- 0.0000 100.0000 +- 0.0000	7 206971	48532 45805	157395 0 Pass
Pu241: Pu242:	0.0000 +- 0.0000	8 206703 9 206853	47990 45411 48680 45323	157542 0 Pass 156945 0 Pass
Pu date:		10 207012	48599 45992	156920 0 Pass
Am241:	0.0000 +- 0.0000 0.0000 +- 0.0000			
Am date:	00. 01. 01 19. 09. 18	Passive cycle rate	data	
Predelay:	1.50	Cycle Singles	Doub I es	Triples Mass QC Tests
Gate length:	64. 00	1 3432. 220	44. 912	0.000 0.000 Pass
2nd gate length: High voltage:	64. 00 1720	2 3431.536 3 3444.520	47. 996 49. 063	0.000 0.000 Pass 0.000 0.000 Pass
Die away time:	50. 0000	4 3432.070	40. 862	0.000 0.000 Pass
Efficiency:	0. 0127	5 3450.036	43. 512	0.000 0.000 Pass
Multiplicity deadtime: Coefficient A deadtime:	0. 0000 0. 0000	6 3432. 620 7 3440. 470	46. 446 45. 446	0.000 0.000 Pass 0.000 0.000 Pass
Coefficient B deadtime:	0.0000	8 3436.003	42. 979	0.000 0.000 Pass
Coefficient C deadtime:	0.0000	9 3438. 503	55. 946	0.000 0.000 Pass
Doubles gate fraction: Triples gate fraction:	0. 0001 0. 0001	10 3441. 153	43. 446	0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000			

```
0.000 +-
0.999
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                     Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                          0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                      Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                                        Number passive cycles:
                                                                                                                                                                                                                                                                                                    Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                   Passive error messages
                                                              19. 09. 18 09:08:57
99 I J0857. VER
                                                                                                                                                                                                                                                                                   No known alpha calibration
             Results
                                                              PC1 201909
XXXX
                                                                                                                                                                                                                                                                                                                                                Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                        1124, 767 +-
                                                                                                                                                                                                                                                                                                                                                                                                                               1, 699
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                             5. 175 +-
0. 000 +-
53. 663 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                               0. 237
0. 000
0. 431
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                   Passive cycle raw data
                                                                                                                                                                                                                                                                                                      Singles
68341
67851
                                                                                                                                                                                                                                                                                                                                       R+A
5153
5222
5231
                                                                                                                                                                                                                                                                                                                                                                                        Scaler 1
3267
3386
3331
                                                                                                                                                                                                                                                                                                                                                                                                                   Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                    Cycle
                                                                                                                                                                                                                                                                                                                                                                   A
4802
4879
5026
                         Isotopics id: Default
                                                                                                                                                                                                                                                                                                            68145
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                         5128
5295
5183
5181
                                                                                                                                                                                                                                                                                                                                                                   4833
5008
4846
4821
                                                                                                                                                                                                                                                                                                                                                                                              3112
3272
3320
3246
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                            68041
                                                                                                                                                                                                                                                                                                                                                                                                                                 0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                          0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                            68076
67517
67745
68369
                                                                                                                                                                                                                                                                                                                                         5272
5272
5096
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
                                                                                                                                                                                                                                                                                         8
9
10
                                                                                                                                                                                                                                                                                                                                                                     4959
                                           Pu241:
                                                                                                                                                                                                                                                                                                                                                                                               3313
                                           Pu242:
                                                                                                                                                                                                                                                                                                            68474
                                                                                                                                                                                                                                                                                                                                                                     4950
                                                                                                                                                                                                                                                                                                                                                                                               3359
3191
                                     Pu242:
Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                         19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                                                                                                                                                                                                                            67663
                                                                                                 0.0000
                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                   Passive cycle rate data
                                                               1. 50
64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                  Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                               Doubles
5. 848
5. 715
3. 414
4. 914
4. 781
                                                                                                                                                                                                                                                                                                            Singles
1130.082
                                                                                                                                                                                                                                                                                                                                                                                                                         Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                   Cvcle
                                                                                                                                                                                                                                                                                                            1121. 914
1126. 814
1125. 081
1125. 664
                                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                     5. 615
5. 998
5. 215
5. 365
4. 881
                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                          6
7
                                                                                                                                                                                                                                                                                                            1116.346
1120.147
                                                                                                                                                                                                                                                                                                            1130. 549
1132. 299
1118. 780
                                                                        1.0000 +-
                                                                                                        0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        9. 047 +-
0. 004 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                              (2)
```

	201909_AFAS-P Collar_Position2.txt	201909_AFAS-P Collar_Position2.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.999 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JM26 JSR_03 JSR_12 JSR-12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:	19. 09. 18 09:28:02 99 I J 2802. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	PC2 201909 XXXX Pu 0.000 Verification Review disk file On	Singles: 1381.940 ← 1.104 Doubles: 7.554 ← 0.668 Triples: 0.000 ← 0.000 Scaler 1: 46.124 ← 0.180 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method: Inspector name: Passive comment:	Sample method Measured	Passive cycle raw data Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 83349 7750 7531 2830 O Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date	Default C0 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000	2 83309 7982 7378 2807 0 Pass 3 83419 7817 7441 2866 0 Pass 4 83649 7897 7490 2830 0 Pass 5 83628 7933 7455 2867 0 Pass 6 83630 7965 7429 2846 0 Pass 7 83088 7800 7358 2793 0 Pass 8 83763 8167 7500 2846 0 Pass 9 83304 7920 7516 2756 0 Pass 10 83353 7831 7431 2833 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient G deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 64. 00 1720 50. 0000 0. 1620 86. 5000 0. 3458 0. 0299 0. 0000 0. 0001	Cycle Singles Doubles Triples Mass QC Tests 1 1380, 270 3, 648 0,000 0,000 Pass 2 1379, 603 10,067 0,000 0,000 Pass 3 1381,437 6,266 0,000 0,000 Pass 4 1385,271 6,782 0,000 0,000 Pass 5 1384,921 7,966 0,000 0,000 Pass 6 1384,954 8,933 0,000 0,000 Pass 7 1375,919 7,366 0,000 0,000 Pass 8 1387,171 11,118 0,000 0,000 Pass 9 1379,520 6,732 0,000 0,000 Pass 10 1380,337 6,666 0,000 0,000 Pass
Normalization constant: Passive singles bkgrnd: Passive doubles bkgrnd:	1.0000 ← 0.0000 9.047 ← 0.000 0.004 ← 0.000	

```
0.000 +-
0.999
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                                   0.000
   Facility: JMOX
Material balance area: JM26
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                             Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                     0.000
                                                                                                                                                                                                                                                                                               Number passive cycles:
                                                                                                                                                                                                                                                                                                            Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                          Passive error messages
                                                               19. 09. 18 09:43:06
99IJ4306. VER
                                                                                                                                                                                                                                                                                          No known alpha calibration
              Results
                                                               PC3 201909
XXXX
                                                                                                                                                                                                                                                                                                                                                        Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                    744, 325 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                         1, 138
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                               Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                      2. 608 +-
0. 000 +-
59. 448 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                         0. 318
0. 000
0. 371
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                          Passive cycle raw data
                                                                                                                                                                                                                                                                                                             Singles
45111
45176
45377
                                                                                                                                                                                                                                                                                                                                               R+A
2289
2350
2354
                                                                                                                                                                                                                                                                                                                                                                                                  Scaler 1
3727
3625
3687
                                                                                                                                                                                                                                                                                                                                                                                                                             Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                                                                                            A
2180
2138
2119
                          Isotopics id: Default
                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                 2339
2263
2310
2387
2403
                                                                                                                                                                                                                                                                                                                                                                            2254
2163
2132
2178
2180
2188
2172
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                    45350
44826
45313
45184
                                                                                                                                                                                                                                                                                                                                                                                                         3572
3522
3739
3611
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                                           0
0
0
0
0
0
                                                                                                  0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                              0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                8
9
10
                                                                                                                                                                                                                                                                                                                    45574
                                            Pu241:
                                                                                                                                                                                                                                                                                                                                                                                                         3621
                                            Pu242:
                                                                                                                                                                                                                                                                                                                    44958
                                                                                                                                                                                                                                                                                                                                                  2312
2264
                                                                                                                                                                                                                                                                                                                                                                                                         3574
3590
                                      Pu242:
Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                            19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                                                                                                                                                                                                                                    45125
                                                                                                   0.0000
                                                                                                                                                               0.0000
                                                                                                                                                                                                                                                                                          Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                           Triples
0.000
0.000
0.000
0.000
0.000
                                                                       1.50
64.00
                                                                                                                                                                                                                                                                                                                     Singles
742.852
                                                                                                                                                                                                                                                                                                                                                        Doubles
1.813
                                                                                                                                                                                                                                                                                                                                                                                                                                   Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                          Cvcle
                                                                  64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                     743. 935
747. 286
746. 836
738. 101
                                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                             3. 530
3. 914
1. 413
1. 663
2. 963
3. 480
3. 713
2. 063
1. 530
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                     746. 219
744. 069
750. 570
740. 302
743. 085
                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                 6
7
                                                                          1.0000 +-
                                                                                                          0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                          9. 047 +-
0. 004 +-
                                                                                                             (1)
                                                                                                                                                                                                                                                                                                                                                                                                        (2)
```

	201909_AFAS-P Collar_Position4.txt	201909_AFAS-P Collar_Position4.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.999 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JM26 JSR_03 JSR=12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code: Measurement date:	19. 09. 18 10:00:10	Passive error messages
Results file name: Inspection number:	991K0010. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests: Error calculation:	PC4 201909 XXXX Pu 0.000 Verification Review disk file On Sample method	Singles: 1573.306 +- 1.706 Doubles: 8.649 +- 0.682 Triples: 0.000 +- 0.000 Scaler 1: 260.713 +- 0.467 Scaler 2: 0.000 +- 0.000 Passive cycle raw data
Accidentals method: Inspector name: Passive comment:	Measured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 94753 9934 9536 15777 0 Pass 2 95108 10305 9797 15756 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 0.0000 00.101 19.09.18 0.0000 0.01.01 19.09.18 0.0000	3 95325 10252 9550 15804 0 Pass 4 95158 10319 9679 15771 0 Pass 5 94569 10082 9463 15605 0 Pass 6 95388 10150 9627 15718 0 Pass 7 94773 10095 9651 15566 0 Pass 8 94681 10167 9518 15676 0 Pass 9 95071 10020 9672 15585 0 Pass 10 94456 9941 9583 15769 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.1620 86.5000 0.3458 0.0299 0.0000 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 1570, 385 6, 633 0,000 0,000 Pass 2 1576, 304 8, 467 0,000 0,000 Pass 3 1579, 921 11,702 0,000 0,000 Pass 4 1577, 137 10,668 0,000 0,000 Pass 5 1567, 318 10,318 0,000 0,000 Pass 6 1580, 972 8,717 0,000 0,000 Pass 7 1570, 719 7,400 0,000 0,000 Pass 8 1569, 185 10,818 0,000 0,000 Pass 9 1575, 687 5,799 0,000 0,000 Pass 10 1565, 434 5,966 0,000 0,000 Pass
Normalization constant: Passive singles bkgrnd: Passive doubles bkgrnd:	1.0000 ← 0.0000 9.047 ← 0.000 0.004 ← 0.000	

```
201909_AFAS-P Collar_Position5.txt
                                                                                                                                                                                                                                                                                                                                                                0.000 +-
0.999
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                        Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                              0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                         Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                                           Number passive cycles:
                                                                                                                                                                                                                                                                                                        Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                      Passive error messages
                                                               19. 09. 18 10:15:15
99 IK1515. VER
                                                                                                                                                                                                                                                                                      No known alpha calibration
             Results
                                                               PC5 201909
XXXX
                                                                                                                                                                                                                                                                                                                                                   Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                             1404, 249 +--
                                                                                                                                                                                                                                                                                                                                                                                                                                   2.053
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                               7. 855 +-
0. 000 +-
140. 234 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                   0. 537
0. 000
0. 468
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                      Passive cycle raw data
                                                                                                                                                                                                                                                                                                         Singles
84343
84362
84814
                                                                                                                                                                                                                                                                                                                                           R+A
8150
7850
8061
                                                                                                                                                                                                                                                                                                                                                                                             Scaler 1
8394
8441
8365
                                                                                                                                                                                                                                                                                                                                                                                                                       Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                                                                       A
7569
7552
7628
                                                                                                                                                                                                                                                                                       Cycle
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                            8128
8318
8265
8212
                                                                                                                                                                                                                                                                                                                                                                                                   8604
8332
8504
8534
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                84811
                                                                                                                                                                                                                                                                                                                                                                        7522
7768
7751
7671
7763
7920
7591
                                                                                                                                                                                                                                                                                                                                                                                                                                      0
0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                            0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                85493
84804
84825
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
                                                                                                                                                                                                                                                                                            8
9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                                84614
                                                                                                                                                                                                                                                                                                                                             8176
                                                                                                                                                                                                                                                                                                                                                                                                   8541
                                           Pu242:
                                                                                                                                                                                                                                                                                                                85367
84441
                                                                                                                                                                                                                                                                                                                                             8338
7950
                                                                                                                                                                                                                                                                                                                                                                                                    8476
8549
                                      Pu242:
Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                           19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                  0.0000
                                                                                                                                                             0.0000
                                                                                                                                                                                                                                                                                      Passive cycle rate data
                                                                1. 50
64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                      Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                Singles
1396, 840
                                                                                                                                                                                                                                                                                                                                                   Doubles

9. 684

4. 965

7. 216

10. 101

9. 167

8. 567

9. 017

6. 883

6. 966

5. 982
                                                                                                                                                                                                                                                                                                                                                                                                                             Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                      Cvcle
                                                                                                                                                                                                                                                                                                                1397. 157
1404. 692
1404. 642
1416. 012
                                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                               1404. 526
1404. 876
1401. 358
1413. 911
1398. 474
                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                             6
                                                                         1.0000 +-
                                                                                                         0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         9. 047 +-
0. 004 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                  (2)
```

	201909_AFAS-P Collar_Position6.txt	201909_AFAS-P Collar_Position6.txt
INCC 5.1.2	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.999 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type:	JM2G JSR_03	Number passive cycles: 10
Detector id: Electronics id:	JSR_03 JSR-12	Count time (sec): 60
Inventory change code: I/O code:	10.00.1010.01.10	Passive error messages
Measurement date: Results file name: Inspection number:	19. 09. 18 10: 31: 19 991K3119. VER	No known alpha calibration Results
Item id: Stratum id:	PC6 201909 XXXX	Singles: 1905.990 +- 2.282
Material type: Original declared mass:		Doubles: 15.046 +- 0.519 Triples: 0.000 +- 0.000
Measurement option: Data source:		Scaler 1: 69.579 +- 0.293 Scaler 2: 0.000 +- 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 114697 14955 14125 4247 0 Pass 2 114859 15047 14049 4275 0 Pass
Isotopics id: Isotopics source code: Pu238:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000	3 114884 14685 13905 4257 0 Pass 4 115020 14805 14011 4099 0 Pass 5 115137 15145 14312 4288 0 Pass
Pu239: Pu240:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6 114091 14842 13941 4237 0 Pass 7 115419 15169 14273 4246 0 Pass
Pu241: Pu242: Pu date:	$\begin{array}{llllllllllllllllllllllllllllllllllll$	8 115421 14989 14065 4180 0 Pass 9 114294 14875 13779 4254 0 Pass 10 115010 14887 13919 4264 0 Pass
Am241:	0.0000 + 0.0000 0.0000 + 0.0000 00.01.01 19.09.18	Passive cycle rate data
Predelay:	1. 50	Cycle Singles Doubles Triples Mass QC Tests
Gate length: 2nd gate length: High voltage:	64. 00 64. 00 1720	1 1902.886 13.838 0.000 0.000 Pass 2 1905.587 16.640 0.000 0.000 Pass 3 1906.003 13.071 0.000 0.000 Pass
Die away time: Efficiency:	50. 0000 0. 1620	4 1908. 271 13. 238 0. 000 0. 000 Pass 5 1910. 221 13. 888 0. 000 0. 000 Pass
Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime:	86, 5000 0. 3458 0. 0299	6 1892.782 15.022 0.000 0.000 Pass 7 1914.923 14.939 0.000 0.000 Pass 8 1914.956 15.406 0.000 0.000 Pass
Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0.0000 0.0001 0.0001	9 1896.167 18.275 0.000 0.000 Pass 10 1908.104 16.140 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	9. 047 +- 0. 000 0. 004 +- 0. 000	

```
0.000 +-
0.999
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                             Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                                     0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                              Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                      0.000
                                                                                                                                                                                                                                                                                                Number passive cycles:
                                                                                                                                                                                                                                                                                                             Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                           Passive error messages
                                                                19. 09. 18 10:48:24
99 IK4824. VER
                                                                                                                                                                                                                                                                                           No known alpha calibration
              Results
                                                                PC7 201909
XXXX
                                                                                                                                                                                                                                                                                                                                                         Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                   4899, 197 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                           4, 488
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                               Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                     99. 187 +-
0. 000 +-
110. 553 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                           1. 808
0. 000
0. 446
0. 000
                                                                On
Sample method
Measured
                                                                                                                                                                                                                                                                                           Passive cycle raw data
                                                                                                                                                                                                                                                                                                               Singles
294220
293398
294994
                                                                                                                                                                                                                                                                                                                                                R+A
97866
97241
98980
                                                                                                                                                                                                                                                                                                                                                                                                   Scaler 1
6721
6614
6745
                                                                                                                                                                                                                                                                                                                                                                                                                              Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                                                                                           A
92199
91823
92410
                          Isotopics id: Default
                                                                0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                 294994
294185
294558
293220
295347
293330
                                                                                                                                                                                                                                                                                                                                                                           92439
92296
91260
92852
91984
                                                                                                                                                                                                                                                                                                                                                                                                          6716
6634
6647
6641
6788
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                98091
98456
97268
98808
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                                             0
0
0
0
0
0
                                                                                                   0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                              0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                 8
9
10
                                            Pu241:
                                                                                                                                                                                                                                                                                                                                                98234
                                            Pu242:
                                                                                                                                                                                                                                                                                                                 295595
294850
                                                                                                                                                                                                                                                                                                                                                99006
                                                                                                                                                                                                                                                                                                                                                                            93324
92737
                                                                                                                                                                                                                                                                                                                                                                                                          6578
                                      Pu242:
Pu date:
Am241:
Am date:
                                                                00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                             19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                                                                                                                                                                                                                                                                                                                          6847
                                                                                                   0.0000
                                                                                                                                                                0.0000
                                                                                                                                                                                                                                                                                           Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                         Doubles
94. 606
90. 449
109. 682
94. 356
102. 837
                                                                                                                                                                                                                                                                                                                                                                                            Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                     Singles
4896. 700
                                                                       1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                                                     Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                           Cvcle
                                                                   64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                     4882. 988
4909. 611
4896. 116
4902. 338
                                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                         100. 299
99. 432
104. 339
94. 857
101. 017
                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                  6
7
                                                                                                                                                                                                                                                                                                                     4880. 019
4915. 499
                                                                                                                                                                                                                                                                                                                     481. 854
4919. 636
4907. 209
                                                                          1.0000 +-
                                                                                                           0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                          9. 047 +-
0. 004 +-
                                                                                                             (1)
                                                                                                                                                                                                                                                                                                                                                                                                         (2)
```

	201909_AFAS-P Collar_Position8.txt	201909_AFAS-P Collar_Position8.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.999 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JSR_03 JSR_03	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name:	19. 09. 18 11:04:28 991L0428. VER	No known alpha calibration
Inspection number: Item id:		Results
Stratum id: Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file	Singles: 42688.421 ← 12.630 Doubles: 7322.130 ← 30.436 Triples: 0.000 ← 0.000 Scaler 1: 343.943 ← 1.127 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	Sample method	Passive cycle raw data
Inspector name: Passive comment:	model of	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 2553142 7392515 699464 20323 0 Pass 2 2554799 7391190 6958447 20833 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	CO 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.001 ← 0.0000 0.0000 0.0000 0.0000 ← 0.0000 0.0000 0.0000 0.0000 ← 0.0000 0.0000 0.0000	3 2551040 7369492 6946729 20952 0 Pass 4 2550730 7373385 6943657 20790 0 Pass 5 2553385 7390505 6957291 20434 0 Pass 6 2547416 7353445 6918887 20886 0 Pass 7 2556146 7412194 6974036 20580 0 Pass 8 2552724 7392989 6956912 20899 0 Pass 9 2552239 7384229 6952830 20712 0 Pass 10 2552473 7376175 6948974 20556 0 Pass
Am date:	00. 01. 01 19. 09. 18 1. 50	Passive cycle rate data Cycle Singles Doubles Triples Mass QC Tests
Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.30 64.00 64.00 1720 50.0000 0.1620 86.5000 0.3458 0.0299 0.0000 0.0001	1 42700. 721 7494. 044 0. 000 0. 000 Pass 2 42728. 543 7319. 758 0. 000 0. 000 Pass 3 42665. 428 7150. 792 0. 000 0. 000 Pass 4 42660. 223 7268. 588 0. 000 0. 000 Pass 5 42704. 801 7327. 665 0. 000 0. 000 Pass 6 42604. 581 7350. 143 0. 000 0. 000 Pass 7 42751. 160 7411. 410 0. 000 0. 000 Pass 9 42685. 560 7296. 916 0. 000 0. 000 Pass 9 42685. 560 7296. 916 0. 000 0. 000 Pass 9 2688. 42693. 703 7376. 063 0. 000 0. 000 Pass 9 42685. 560 7296. 916 0. 000 0. 000 Pass 10 42689. 489 7225. 919 0. 000 0. 000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	9. 047 +- 0. 000 0. 004 +- 0. 000	
	(1)	(2)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                         Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                 0. 999
0. 000
   Facility: JMOX
Material balance area: JM26
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                           Number passive cycles
Count time (sec)
                                                                                                                                                                                                                                                                                       Passive error messages
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                       No known alpha calibration
                                                               19. 09. 18 11:21:33
99 IL2133. VER
                                                                                                                                                                                                                                                                                        Passive results
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                                                                                                                                 8144. 191 +-
263. 949 +-
0. 000 +-
1145. 246 +-
0. 000 +-
                                                               PC9 201909
                                                                                                                                                                                                                                                                                                                                                             Singles:
Doubles:
                                                                                                                                                                                                                                                                                                                                                                                                                                         2. 748
5. 554
                                                               XXXX
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                           Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
1. 385
0. 000
                                                                                                                                                                                                                                                                                       Passive cycle raw data
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                                                                                                                                                       Cycle Singles
1 488734
2 488464
3 489273
4 489318
                                                                                                                                                                                                                                                                                                                                                                                              Scaler1
68943
68876
                                                                                                                                                                                                                                                                                                                                           R+A
                                                                                                                                                                                                                                                                                                                                         270515
271316
                                                                                                                                                                                                                                                                                                                                                                    255057
253944
254479
256066
                                                                                                                                                                                                                                                                                                                                          272062
270710
                                                                                                                                                                                                                                                                                                                                                                                                  68795
69012
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                        270710
269921
272308
271209
270862
270504
270390
                                                                                                                                                                                                                                                                                                                                                                    254429
255747
255503
255517
255982
255147
                                                                                                                                                                                                                                                                                                                                                                                                                                      O Pass
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                              488259
489658
489213
488589
                                                                                                                                                                                                                                                                                                                                                                                                  68279
68887
68758
69006
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                            8
9
10
                                            Pu241:
                                                                                                                                                                                                                                                                                                              488954
                                                                                                                                                                                                                                                                                                                                                                                                  68869
                                            Pu242:
                                                                                                                                                                                                                                                                                                              488034
                                                                                                                                                                                                                                                                                                                                                                                                  68322
                                     Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                           19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                  0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                       Passive cycle rate data
                                                                                                                                                                                                                                                                                                                Singles
8142.262
8137.755
                                                                                                                                                                                                                                                                                       Cycle
                                                                                                                                                                                                                                                                                                                                                     Doubles
258. 356
290. 346
                                                                                                                                                                                                                                                                                                                                                                                         Triples
                                                                                                                                                                                                                                                                                                                                                                                                                                   Mass QC Tests
0.000 Pass
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                             0.000
0.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
                                                                  64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                8151. 258
8152. 009
8134. 334
8157. 683
                                                                                                                                                                                                                                                                                                                                                      293. 874
244. 752
258. 924
276. 793
                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                 8150, 256
                                                                                                                                                                                                                                                                                                                                                      262. 502
256. 468
                                                                                                                                                                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                                                                 8139 842
                                                                                                                                                                                                                                                                                                                8145. 934
8130. 579
                                                                                                                                                                                                                                                                                                                                                     242. 713
254. 762
                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
 Normalization constant:
                                                                         1.0000 +-
                                                                                                          0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
Passive triples bkgrnd:
                                                                         9. 047 +-
0. 004 +-
0. 000 +-
                                                                                                          0.000
0.000
0.000
                                                                                                            (1)
                                                                                                                                                                                                                                                                                                                                                                                                    (2)
```

	201909_AFAS-	-P Collar_F	Position10.txt						201909_AFAS	G-P Collar_Po	sition10.	txt
INCC 5. 1. 2							e scaler1 bk e scaler2 bk		0. 999 0. 000			
Facility: Material balance area: Detector type:	JMOX JM2G JSR_03					Numbe	r passive cy Count time (10 60			
Detector id: Electronics id: Inventory change code:	JSR_03 JSR-12					Passive	error messa	ges				
I/O code:	10.00.10.10	00.00				No know	m alpha cali	bration				
Measurement date: Results file name: Inspection number:	19. 09. 18 13:: 99 IN2006. VER	20:06				Passive	results					
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	PC10 201909 XXXX Pu 0.000 Verification Review disk f	ile						5	Singles: Doubles: Triples: Scaler 1: Scaler 2:	3438. 941 46. 116 0. 000 2618. 851 0. 000	+- 1 +- 0 +- 1	. 964 . 344 . 000 . 646 . 000
QC tests: Error calculation:	On Sample method					Passive	cycle raw d	ata				
Accidentals method: Inspector name: Passive comment:	Measured					Cycle 1 2 3	Singles 206476 206435 207214	R+A 48080 48271 48508	A 45385 45391 45564	Scaler1 157174 157694 157378	Scaler2 0 0 0	QC Tests Pass Pass Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date:	Default CO 0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 00.01.01	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.09.18	0.0000 0.0000 0.0000 0.0000 0.0000		4 5 6 7 8 9	206467 207545 206500 206971 206703 206853 207012	48075 48676 48104 48532 47990 48680 48599	45623 46065 45317 45805 45411 45323 45992	156676 157149 157037 157395 157542 156945 156920	0 0 0 0 0	Pass Pass Pass Pass Pass Pass Pass
Am241: Am date:	0. 0000 +- 00. 01. 01	0.0000	0.0000 +- 19.09.18	0.0000		Passive	cycle rate	data				
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1620 86. 5000 0. 3458 0. 0299 0. 0000 0. 0001 0. 0001					Cycle 1 2 3 4 5 6 7 8 9	Singles 3433. 244 3432. 560 3445. 551 3433. 094 3451. 071 3433. 644 3441. 499 3437. 029 3439. 531 3442. 183	44 48 49 40 43 46 45 43	ubles 4. 966 8. 053 9. 121 9. 911 8. 565 6. 501 6. 500 8. 033 8. 030 6. 013 8. 498	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000	Pass Pass Pass Pass Pass Pass Pass Pass
Normalization constant: Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd:	1.0000 +- 9.047 +- 0.004 +- 0.000 +-	0. 0000 0. 000 0. 000 0. 000										
		(1)								(2)		

```
201909_AFAS-P Top Fork_Position1.txt
                                                                                                                                                                                                                                                                                                                                201909_AFAS-P Top Fork_Position1.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                     0. 000 +-
1. 342
                                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                    Passive triples bkgrnd:
Passive scaler1 bkgrnd:
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                    Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                      0.000
                                                                                                                                                                                                                                                                      Number passive cycles:
                                                                                                                                                                                                                                                                                  Count time (sec)
                                                          JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                 Passive error messages
                                                          19. 09. 18 09:08:56
99IJ0856. VER
                                                                                                                                                                                                                                                                 No known alpha calibration
            Results
                                                          PT1 201909
                                                                                                                                                                                                                                                                                                                          Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                          XXXX
                                                                                                                                                                                                                                                                                                                                                                    41.584 +-
                                                                                                                                                                                                                                                                                                                                                                                                    0.390
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                         Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                  -0.015 +-
0.000 +-
103.508 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                    0. 021
0. 000
0. 423
0. 000
                                                          Sample method
Measured
                                                                                                                                                                                                                                                                 Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                        Singles
2651
2595
2494
                                                                                                                                                                                                                                                                                                                                                                Scaler 1
6371
6378
6335
                                                                                                                                                                                                                                                                  Cycle
                                                                                                                                                                                                                                                                                                                                                  6
10
6
                        Isotopics id:
                                                          Default
                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                      6232
6393
6171
6279
                                                                                                                                                                                                                                                                                           2437
                                                                                                                                                                                                                                                                                                                                                                                                      0
0
0
0
0
0
                                                                                          0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
                                                                                                                                                                                                                                                                       8
9
10
                                        Pu241:
                                                                                                                                                                                                                                                                                           2525
                                                                                                                                                                                                                                                                                                                                                                       6322
                                        Pu242:
                                                                                                                                                                                                                                                                                           2530
2633
                                                                                                                                                                                                                                                                                                                                                                       6235
6194
                                   Pu date:
Am241:
Am date:
                                                          00. 01. 01
0. 0000
00. 01. 01
                                                                                                                 19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                          0.0000
                                                                                                                                                 0.0000
                                                                                                                                                                                                                                                                 Passive cycle rate data
                                                           1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                          Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                          Doubles
0. 100
-0. 033
0. 000
-0. 117
-0. 067
                                                                                                                                                                                                                                                                                          Singles
43.441
                                                                                                                                                                                                                                                                 Cvcle
                                                                                                                                                                                                                                                                                                                                                                                               Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                             42. 508
40. 824
39. 874
42. 258
39. 941
41. 091
41. 341
41. 424
43. 141
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                              -0. 067
-0. 067
0. 017
-0. 050
0. 000
0. 067
                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                        6
7
                                                                   1.0000 +-
 Normalization constant:
                                                                                                  0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                   0.742 +-
0.000 +-
                                                                                                   (1)
                                                                                                                                                                                                                                                                                                                                                                      (2)
```

	201909_AFAS-P Top Fork_Position2.txt	201909_AFAS-P Top Fork_Position2.txt
INCC 5. 1. 2		Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 1.342
Facility: Material balance area: Detector type:	JM2G	Passive scaler2 bkgrnd: 0.000 Number passive cycles: 10
Detector id: Electronics id:	JSR_02	Count time (sec): 60
Inventory change code: I/O code:	19.09.18 09:28:01	Passive error messages No known alpha calibration
Results file name: Inspection number:	99 I J 2801. VER	Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	Pu 0.000 Verification Review disk file	Singles: 63.733 ← 0.279 Doubles: −0.037 ← 0.028 Triples: 0.000 ← 0.000 Scaler 1: 177.39 ← 0.446 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method:	Sample method	Passive cycle raw data
Inspector name: Passive comment:	measureu	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 3792 17 20 10780 0 Pass 2 3872 15 17 10683 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	CO 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 100.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000	2 30/2 13 17 10065 0 Pass 4 3851 18 10765 0 Pass 5 3823 17 17 10767 0 Pass 6 3905 11 27 10767 0 Pass 7 3850 16 14 10896 0 Pass 8 3805 13 13 10650 0 Pass 9 3938 15 14 10748 0 Pass 10 3933 16 19 10598 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient Gractime: Triples gate fraction: Normalization constant:	1.50 64.00 64.00 1720 50.0000 0.0126 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0000 1.0000 1.0000 1.0000 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 62, 458 -0.050 0.000 0.000 Pass 2 63, 791 -0.033 0.000 0.000 Pass 3 64, 524 -0.067 0.000 0.000 Pass 4 63, 441 0.050 0.000 0.000 0.000 Pass 5 62, 974 0.000 0.000 0.000 Pass 6 64, 341 -0.267 0.000 0.000 Pass 7 63, 424 0.033 0.000 0.000 Pass 8 62, 674 0.000 0.000 0.000 Pass 9 64, 891 0.017 0.000 0.000 Pass 10 64, 808 -0.050 0.000 0.000 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.742 ← 0.000 0.000 ← 0.000	
	(1)	(2)

```
201909_AFAS-P Top Fork_Position3.txt
                                                                                                                                                                                                                                                                                                                                                         0.000 +-
1.342
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                    Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                        0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                    Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                                      Number passive cycles:
                                                                                                                                                                                                                                                                                                   Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                 Passive error messages
                                                             19. 09. 18 09:43:05
99 I J4305. VER
                                                                                                                                                                                                                                                                                 No known alpha calibration
              Results
                                                             PT3 201909
                                                                                                                                                                                                                                                                                                                                              Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                        239, 688 +-
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 577
                                                             XXXX
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                           0. 155 +-
0. 000 +-
56. 046 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 097
0. 000
0. 351
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                                 Passive cycle raw data
                                                                                                                                                                                                                                                                                                     Singles
14309
14300
14376
                                                                                                                                                                                                                                                                                                                                     R+A
234
218
229
                                                                                                                                                                                                                                                                                                                                                                 A
216
212
219
                                                                                                                                                                                                                                                                                                                                                                                      Scaler 1
3521
3332
3470
                                                                                                                                                                                                                                                                                                                                                                                                                 Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                  Cycle
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                           14392
14521
14387
14455
                                                                                                                                                                                                                                                                                                                                                                                            3441
3446
3378
3407
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                          235
215
242
216
249
238
266
                                                                                                                                                                                                                                                                                                                                                                    230
216
200
243
224
240
249
                                                                                                                                                                                                                                                                                                                                                                                                                               0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                         0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                           14339
14557
14622
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
                                                                                                                                                                                                                                                                                       8
9
10
                                                                                                                                                                                                                                                                                                                                                                                             3507
                                           Pu241:
                                           Pu242:
                                                                                                                                                                                                                                                                                                                                                                                             3394
3537
                                     Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                         19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                  Passive cycle rate data
                                                                1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                            Singles
237.741
                                                                                                                                                                                                                                                                                                                                              Doubles
0. 300
0. 100
0. 167
0. 083
-0. 017
0. 700
-0. 450
0. 417
-0. 033
0. 283
                                                                                                                                                                                                                                                                                                                                                                                                                       Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                 Cvcle
                                                                                                                                                                                                                                                                                                            237. 591
238. 858
239. 124
241. 274
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                         6
7
                                                                                                                                                                                                                                                                                                             239. 041
240. 174
                                                                                                                                                                                                                                                                                                            238. 241
241. 874
242. 958
                                                                        1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.742 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                            (2)
```

	201909_AFAS-P Top Fork_Position4.txt	201909_AFAS-P Top Fork_Position4.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 1.342 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JSR_02	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name:	19. 09. 18 09:59:09 99IJ5909. VER	No known alpha calibration
Inspection number: Item id:	PT4 201909	Results
Stratum id: Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file	Singles: 928.978 ← 1.181 Doubles: 3.147 ← 0.631 Triples: 0.000 ← 0.000 Scaler 1: 45.700 ← 0.310 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	measureu	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 55714 3560 3325 2772 0 Pass 2 55662 3386 3345 2779 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default CO 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 100.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 00.01.01 19.09.18 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000	3 55710 3474 3425 2750 0 Pass 4 56000 3631 3340 2937 0 Pass 5 55582 3494 3319 2773 0 Pass 6 56021 3503 3405 2857 0 Pass 7 56043 3624 3189 2840 0 Pass 8 56067 3616 3365 2794 0 Pass 9 55665 3422 3255 2839 0 Pass 10 55478 3432 3286 2888 0 Pass
	00. 01. 01 19. 09. 18	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient Coefficien	1.50 64.00 64.00 1720 50.0000 0.0126 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 1.0000 ← 0.0000	Cycle Singles Doubles Triples Mass 0C Tests 1 927, 824 3, 917 0.000 0.00 Pass 2 926, 958 0.683 0.000 0.000 Pass 3 927, 758 0.817 0.000 0.000 Pass 4 932, 591 4.850 0.000 0.000 Pass 5 925, 624 2.917 0.000 0.000 Pass 6 932, 941 1.633 0.000 0.000 Pass 7 933, 308 7.250 0.000 0.000 Pass 8 933.541 4.183 0.000 0.000 Pass 9 925.541 2.783 0.000 0.000 Pass 10 923.891 2.433 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	0.742 + 0.000	
Passive doubles bkgrnd:	0.000 +- 0.000	

```
201909_AFAS-P Top Fork_Position5.txt
                                                                                                                                                                                                                                                                                                                                  201909_AFAS-P Top Fork_Position5.txt
                                                                                                                                                                                                                                                                                                                                        0. 000 +-
1. 342
INCC 5. 1. 2
                                                                                                                                                                                                                                                                     Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                    0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                      Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                                        Number passive cycles:
                                                                                                                                                                                                                                                                                   Count time (sec)
                                                          JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                   Passive error messages
                                                          19. 09. 18 10:15:13
99 IK1513. VER
                                                                                                                                                                                                                                                                   No known alpha calibration
            Results
                                                          PT5 201909
                                                                                                                                                                                                                                                                                                                            Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                  2835, 599 +-
                                                          XXXX
                                                                                                                                                                                                                                                                                                                                                                                                       1.331
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                      30. 982 +-
0. 000 +-
49. 146 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                       1. 421
0. 000
0. 300
0. 000
                                                          On
Sample method
Measured
                                                                                                                                                                                                                                                                   Passive cycle raw data
                                                                                                                                                                                                                                                                                      Singles
169972
170490
170536
                                                                                                                                                                                                                                                                                                                    R+A
32432
32904
32986
                                                                                                                                                                                                                                                                                                                                                                   Scaler 1
3061
2982
3085
                                                                                                                                                                                                                                                                                                                                                                                           Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                    Cycle
                                                                                                                                                                                                                                                                                                                                             A
30664
31111
30836
                       Isotopics id: Default
                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                    32714
32800
32779
32746
                                                                                                                                                                                                                                                                                                                                             30430
30911
31221
31068
                                                                                                                                                                                                                                                                                                                                                                        2906
3056
3015
3111
                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                         169995
                                                                                                                                                                                                                                                                                                                                                                                                         0
0
0
0
0
0
                                                                                          0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                  0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                 0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                        170031
169982
170204
                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                    32223
                                        Pu241:
                                                                                                                                                                                                                                                                                        169833
                                                                                                                                                                                                                                                                                                                                              30752
                                                                                                                                                                                                                                                                                                                                                                          3030
                                        Pu242:
                                                                                                                                                                                                                                                                                        170452
170310
                                                                                                                                                                                                                                                                                                                    33124
32790
                                                                                                                                                                                                                                                                                                                                              30948
30968
                                                                                                                                                                                                                                                                                                                                                                          3022
3025
                                   Pu242:
Pu date:
Am241:
Am date:
                                                          00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                  19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                                                                                                                                                                                         10
                                                                                           0.0000
                                                                                                                                                  0.0000
                                                                                                                                                                                                                                                                   Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                             Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                          Singles
2832.124
                                                                 1.50
64.00
                                                                                                                                                                                                                                                                                                                            Doubles
29. 467
                                                                                                                                                                                                                                                                   Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                  Mass QC Tests
0.000 Pass
                                                             64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                           2840. 758
2841. 524
2832. 508
2833. 108
                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                               29. 883
35. 833
38. 067
31. 483
25. 967
27. 967
24. 517
36. 267
30. 367
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                          6
7
                                                                                                                                                                                                                                                                                           2832, 291
                                                                                                                                                                                                                                                                                           2835 991
                                                                                                                                                                                                                                                                                          2829. 808
2840. 124
2837. 758
                                                                    1.0000 +-
                                                                                                  0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                    0.742 +-
0.000 +-
                                                                                                    (1)
                                                                                                                                                                                                                                                                                                                                                                        (2)
```

	201909_AFAS-P Top Fork_Position6.txt	201909_AFAS-P Top Fork_Position6.txt
INCC 5.1.2	JMOX	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 1.342 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JM2G JSR_02	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:	19. 09. 18 10:31:18 99 IK3118. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification Review disk file	Singles: 36.086 ← 0.247 Doubles: 0.015 ← 0.017 Triples: 0.000 ← 0.000 Scaler 1: 2441.670 ← 2.482 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	Sample method	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 2275 7 2 146918 0 Pass 2 2214 8 6 147112 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 00.01.01 19.09.18 0.0000 00.01.01 0.0000 0.0000 ← 0.0000 0.0000 19.09.18 0.0000	3 2182 2 5 146071 0 Pass 4 2217 3 3 145545 0 Pass 5 2203 6 5 146379 0 Pass 6 2135 2 6 146379 0 Pass 7 2198 6 5 146575 0 Pass 8 2155 8 4 146721 0 Pass 9 2282 7 2 146709 0 Pass 10 2236 5 7 146860 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Coefficient C deadtime: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	Cycle Singles Doubles Triples Mass QC Tests 1 37,174 0.083 0.000 0.000 Pass 2 36.158 0.033 0.000 0.000 Pass 3 35.624 -0.050 0.000 0.000 0.000 Pass 4 36.208 0.000 0.000 0.000 0.000 Pass 5 35.974 0.017 0.000 0.000 Pass 6 34.841 -0.067 0.000 0.000 Pass 7 35.891 0.017 0.000 0.000 Pass 8 35.174 0.067 0.000 0.000 Pass 9 37.291 0.083 0.000 0.000 Pass 10 36.524 -0.033 0.000 0.000 Pass
Normalization constant:	1. 0000 +- 0. 0000 0. 742 +- 0. 000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000	10
	(1)	(2)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                         Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                            0. 000 +-
1. 342
                                                                                                                                                                                                                                                                                                                                                                         0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                         Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                                           Number passive cycles:
                                                                                                                                                                                                                                                                                       Count time (sec)
                                                           JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                       Passive error messages
                                                           19. 09. 18 10:48:22
99 IK4822. VER
                                                                                                                                                                                                                                                                       No known alpha calibration
             Results
                                                           PT7 201909
                                                                                                                                                                                                                                                                                                                                 Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                           XXXX
                                                                                                                                                                                                                                                                                                                                                                            32.898 +-
                                                                                                                                                                                                                                                                                                                                                                                                            0.218
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                         -0. 012 +-
0. 000 +-
834. 410 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                            0. 016
0. 000
1. 308
0. 000
                                                           Sample method
Measured
                                                                                                                                                                                                                                                                       Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                Singles
                                                                                                                                                                                                                                                                                                                                                                        Scaler1
50095
49793
49980
                                                                                                                                                                                                                                                                       Cycle
                                                                                                                                                                                                                                                                                                2041
2054
2031
                        Isotopics id: Default
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                            50130
50035
50235
50632
                                                                                                                                                                                                                                                                                                 2001
                                                                                                                                                                                                                                                                                                                                                                                                              0
0
0
0
0
0
                                                                                            0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                    0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                   0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                 2017
1936
1966
                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
                                                                                                                                                                                                                                                                            8
9
10
                                         Pu241:
                                                                                                                                                                                                                                                                                                 2016
                                                                                                                                                                                                                                                                                                                                                                            49886
                                         Pu242:
                                                                                                                                                                                                                                                                                                 2062
2060
                                                                                                                                                                                                                                                                                                                                                                            50279
50386
                                    Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000
00. 01. 01
                                                                                                                    19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                            0.0000
                                                                                                                                                    0.0000
                                                                                                                                                                                                                                                                       Passive cycle rate data
                                                            1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                 Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                Singles
33.274
                                                                                                                                                                                                                                                                       Cvcle
                                                                                                                                                                                                                                                                                                                                 Doubles
                                                                                                                                                                                                                                                                                                                                                                                                       Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                    -0. 050
0. 017
0. 033
-0. 083
0. 067
                                                                                                                                                                                                                                                                                                   33. 491
33. 108
32. 608
32. 874
                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                     0. 007
0. 000
-0. 067
0. 017
0. 017
-0. 067
                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                              6
7
                                                                                                                                                                                                                                                                                                   31. 524
32. 024
                                                                                                                                                                                                                                                                                                   32. 858
33. 624
33. 591
                                                                     1.0000 +-
 Normalization constant:
                                                                                                    0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     0.742 +-
0.000 +-
                                                                                                     (1)
                                                                                                                                                                                                                                                                                                                                                                             (2)
```

	201909_AFAS-P Top For	k_Position8.tx	:				2019	09_AFAS-	-P Top Fork_	Position8.txt
INCC 5. 1. 2					Passiv	ve triples bk ve scaler1 bk	grnd: 1	. 000 +- . 342	0.000	
Facility: Material balance area: Detector type:	JMOX JM2G JSR_02					ve scaler2 bk er passive cy	_	. 000		
Detector id: Electronics id: Inventory change code:	JSR_02 JSR-12				Pagaine	Count time (60		
I/O code: Measurement date:	19. 09. 18 11:03:26					n alpha cali	_			
Results file name: Inspection number:	99 IL0326. VER				Results		Dracton			
Item id: Stratum id: Material type: Original declared mass: Measurement option:	PT8 201909 XXXX Pu 0.000 Verification						Singl Doubl Tripl Scaler	es: es: 1:	47. 693 -0. 007 0. 000 247. 208	← 0.021 ← 0.000 ← 0.652
Data source: QC tests: Error calculation:	Review disk file On Sample method				Passive	e cycle raw d	Scaler lata	2:	0. 000	← 0.000
Accidentals method: Inspector name: Passive comment:	Measured				Cycle 1	Singles 2952	R+A 9	A 9	Scaler1 15133	Scaler2 QC Tests 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.09.18 0.0000 +- 19.09.18	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000		2 3 4 5 6 7 8 9 10 Passive	2985 2952 2961 2856 2938 2798 2891 2904 2824	9 11 7 13 7 7 14 7 5	9 11 6 12 13 6 6 11	14833 15041 14826 15023 14886 14816 14993 14791 14788	0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64.00 64.00 1720 50.0000 0.0126 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001				Cycle 1 2 3 4 5 6 7 8 9 10	Singles 48. 458 49. 008 48. 458 48. 608 46. 858 48. 224 45. 891 47. 441 47. 658 46. 324	Double 0.00 0.00 0.00 0.01 0.01 0.01 0.11 0.1	0 0 7 7 0 7 3 7	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 +- 0.000 0.742 +- 0.000									
Passive doubles bkgrnd:	0.000 ← 0.000 (1)								(2)	

```
201909_AFAS-P Top Fork_Position9.txt
                                                                                                                                                                                                                                                                                                                                                    0. 000 +-
1. 342
INCC 5. 1. 2
                                                                                                                                                                                                                                                                               Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                 0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                  Number passive cycles:
                                                                                                                                                                                                                                                                                              Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                             Passive error messages
                                                            19. 09. 18 11:21:31
99 IL2131. VER
                                                                                                                                                                                                                                                                             No known alpha calibration
             Results
                                                            PT9 201909
                                                                                                                                                                                                                                                                                                                                        Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                  160, 156 +-
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                      0.489
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                    -0. 045 +-
0. 000 +-
99. 611 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 085
0. 000
0. 479
0. 000
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                             Passive cycle raw data
                                                                                                                                                                                                                                                                                               Singles
9788
9673
9595
                                                                                                                                                                                                                                                                                                                               R+A
109
99
90
91
96
104
94
                                                                                                                                                                                                                                                                                                                                                                                Scaler1
6060
5933
6068
                                                                                                                                                                                                                                                                                                                                                                                                         Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                                                           A
111
115
109
                                                                                                                                                                                                                                                                             Cycle
                         Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                       9621
9736
9651
9673
                                                                                                                                                                                                                                                                                                                                                                                      6130
6170
5970
5993
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                               96
102
96
122
96
90
119
                                                                                                                                                                                                                                                                                                                                                                                                                        0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                      0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
                                                                                                                                                                                                                                                                                  8
9
10
                                          Pu241:
                                                                                                                                                                                                                                                                                                        9667
                                                                                                                                                                                                                                                                                                                                                                                      5992
                                          Pu242:
                                                                                                                                                                                                                                                                                                        9440
                                                                                                                                                                                                                                                                                                                                     118
123
                                                                                                                                                                                                                                                                                                                                                                                       6214
6042
                                    Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000
00. 01. 01
                                                                                                                       19. 09. 18
0. 0000 +-
19. 09. 18
                                                                                                                                                                                                                                                                                                        9695
                                                                                              0.0000
                                                                                                                                                        0.0000
                                                                                                                                                                                                                                                                             Passive cycle rate data
                                                               1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                          Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                       Singles
162.391
                                                                                                                                                                                                                                                                                                                                        Doubles
-0.033
-0.267
-0.317
-0.083
-0.100
0.133
-0.467
0.150
0.467
                                                                                                                                                                                                                                                                                                                                                                                                                Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                             Cvcle
                                                                                                                                                                                                                                                                                                        160. 474
159. 174
159. 608
161. 524
                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                    6
7
                                                                                                                                                                                                                                                                                                        160. 108
160. 474
                                                                                                                                                                                                                                                                                                        160. 474
160. 374
156. 591
160. 841
                                                                      1.0000 +-
                                                                                                      0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.742 +-
0.000 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                      (2)
```

	201909_AFAS-P Top Fork_Position10.txt	201909_AFAS-P Top Fork_Position10.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 1.342 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JM26 JSR_02 JSR_02	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name:	19. 09. 18 13:20:03 99 IN2003, VER	No known alpha calibration
Inspection number: Item id:	PT10 201909	Results
Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification Review disk file	Singles: 95.979 ← 0.213 Doubles: 0.657 ← 0.032 Triples: 0.000 ← 0.000 Scaler 1: 80.763 ← 0.263 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation:	On Sample method	Passive cycle raw data
Accidentals method: Inspector name: Passive comment:	Measured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 5842 39 35 4876 0 Pass 2 5835 40 32 5009 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date:	$\begin{array}{llllllllllllllllllllllllllllllllllll$	3 5808 34 40 4922 0 Pass 4 5761 34 37 4881 0 Pass 5 5804 39 33 4975 0 Pass 6 5839 30 32 4915 0 Pass 7 5863 50 35 4878 0 Pass 8 5755 49 43 4987 0 Pass 9 5759 34 33 4941 0 Pass 10 5767 34 29 4879 0 Pass
Am241: Am date:	0.0000 +- 0.0000	Passive cycle rate data
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Coefficient Geadtime: Toubles gate fraction: Triples gate fraction: Normalization constant:	1. 50 64.00 64.00 1720 50.0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000	Cycle Singles Doubles Triples Mass QC Tests 1 96.624 0.067 0.000 0.000 Pass 2 96.508 0.133 0.000 0.000 0.000 3 96.058 -0.100 0.000 0.000 0.000 4 95.274 -0.050 0.000 0.000 Pass 5 95.991 0.100 0.000 0.000 Pass 6 96.574 -0.033 0.000 0.000 Pass 7 96.974 0.250 0.000 0.000 Pass 8 95.174 0.100 0.000 0.000 Pass 9 95.241 0.107 0.000 0.000 Pass 10 95.374 0.083 0.000 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.742 +- 0.000 0.000 +- 0.000	

201910_AFAS-B Bottom Fork_Position1.txt

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                             Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                               0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                           PFPF
JM2G
JSR_02
JSR_02
                                                                                                                                                                                                                                                                              Passive scaler2 bkgrnd
                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                Number passive cycles:
                                                                                                                                                                                                                                                                                            Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                           Passive error messages
                                                            19. 10. 08 09:07:27
9A8J0727. VER
                                                                                                                                                                                                                                                                           No known alpha calibration
              Results
                                                            BB1 201910
                                                                                                                                                                                                                                                                                                                                      Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                 41.313 +-
                                                                                                                                                                                                                                                                                                                                                                                                                  0.220
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                               0.013 +-
0.000 +-
103.802 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 017
0. 000
0. 473
0. 000
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                           Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                       Singles
2502
2521
2476
                                                                                                                                                                                                                                                                                                                                                                             Scaler1
6162
6353
6226
                                                                                                                                                                                                                                                                           Cycle
                         Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                     2470
2476
2460
2498
                                                                                                                                                                                                                                                                                                                                                                                    6339
6176
6123
6128
                                                                                                                                                                                                                                                                                                                                                                                                                     0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                       0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                              4
6
11
10
2
7
                                                                                                                                                                                                                                                                                                                                    11
9
5
                                                                                                                                                                                                                                                                                                                                                                                    6168
6274
6332
                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
                                                                                                                                                                                                                                                                                8
9
10
                                          Pu241:
                                                                                                                                                                                                                                                                                                     2527
                                          Pu242:
                                                                                                                                                                                                                                                                                                     2507
2421
                                    Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000
00. 01. 01
                                                                                                                      19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                              0.0000
                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                           Passive cycle rate data
                                                              1. 50
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                     Singles
41.700
                                                                                                                                                                                                                                                                                                                                                                        Triples
                                                                                                                                                                                                                                                                                                                                                                                                             Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                           Cvcle
                                                                                                                                                                                                                                                                                                                                       Doubles |
                                                                                                                                                                                                                                                                                                                                          0. 000
0. 067
0. 017
0. 017
0. 033
                                                                                                                                                                                                                                                                                                                                                                            0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                        42. 017
41. 267
40. 000
41. 267
41. 000
41. 633
42. 117
41. 783
40. 350
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                         -0. 033
-0. 067
0. 017
0. 117
-0. 033
                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                  6
7
                                                                      1.0000 +-
                                                                                                     0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                   (2)
```

	201910_AFAS-B Bottom Fork_Position2.txt	201910_AFAS-B Bottom Fork_Position2.txt
INCC 5.1.2	PFPF	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JM2G JSR_02	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name:		No known alpha calibration
Inspection number: Item id: Stratum id:		Results Singles: 63.613 ← 0.345
Material type: Original declared mass: Measurement option: Data source:	0.000 Verification Review disk file	Doubles: 0.038 ← 0.030 Triples: 0.000 ← 0.000 Scaler 1: 176.655 ← 0.437 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	Sample method	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 3844 12 12 10499 0 Pass 2 3746 13 11 10493 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	CO 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 +- 0.0000 +- 0.0000 0.0000 +- 0.0000 +- 0.0000 +- 0.0000	3 3752 20 20 10652 0 Pass 4 3722 13 6 10601 0 Pass 5 3898 14 18 10537 0 Pass 6 3903 13 13 10559 0 Pass 7 3848 21 10 10647 0 Pass 8 3813 9 16 10726 0 Pass 9 3773 19 10 10566 0 Pass 10 3869 19 14 10713 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Coefficient C draction: Triples gate fraction:		Passive cycle rate data Cycle Singles Doubles Triples Mass QC Tests 1 64.067 0.000 0.000 0.000 0.000 Pass 2 62.433 0.033 0.000 0.000 0.000 Pass 3 62.533 0.000 0.000 0.000 0.000 Pass 4 62.033 0.117 0.000 0.000 Pass 5 64.967 -0.067 0.000 0.000 Pass 6 65.050 0.000 0.000 0.000 Pass 7 64.133 0.183 0.000 0.000 Pass 8 63.550 -0.117 0.000 0.000 Pass 9 62.883 0.150 0.000 0.000 Pass 10 64.483 0.083 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000	
	(1)	(2)

201910_AFAS-B Bottom Fork_Position3.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                      0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                   0.000
   Facility: PFPF
Material balance area: JM2G
Detector type: JSR_02
Detector id: JSR_02
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                 Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                      0.000
                                                                                                                                                                                                                                                                                   Number passive cycles:
                                                                                                                                                                                                                                                                                               Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                              Passive error messages
                                                             19. 10. 08 09:42:37
9A8J4237. VER
                                                                                                                                                                                                                                                                              No known alpha calibration
             Results
                                                             BB3 201910
                                                                                                                                                                                                                                                                                                                                          Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                   237.955 +-
                                                                                                                                                                                                                                                                                                                                                                                                                       0.771
                                                             XXXX
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                      0. 303 +-
0. 000 +-
56. 717 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 077
0. 000
0. 286
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                              Passive cycle raw data
                                                                                                                                                                                                                                                                                                Singles
                                                                                                                                                                                                                                                                                                                                                             A
205
234
195
                                                                                                                                                                                                                                                                                                                                                                                  Scaler 1
3297
3384
3408
                                                                                                                                                                                                                                                                                                                                                                                                           Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                               Cycle
                                                                                                                                                                                                                                                                                                       14085
14198
14285
                                                                                                                                                                                                                                                                                                                                     240
238
                        Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                       14192
14343
14146
14305
                                                                                                                                                                                                                                                                                                                                                                                       3461
3355
3456
3461
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                     226
250
210
231
238
264
241
                                                                                                                                                                                                                                                                                                                                                                227
225
206
216
217
224
225
                                                                                                                                                                                                                                                                                                                                                                                                                         0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                       0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
                                                                                                                                                                                                                                                                                    8
9
10
                                          Pu241:
                                                                                                                                                                                                                                                                                                       14282
                                                                                                                                                                                                                                                                                                                                                                                         3401
                                          Pu242:
                                                                                                                                                                                                                                                                                                       14621
14316
                                                                                                                                                                                                                                                                                                                                                                                         3364
3443
                                     Pu242:
Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                       19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                               0.0000
                                                                                                                                                        0.0000
                                                                                                                                                                                                                                                                               Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                        Singles
234.750
                                                                                                                                                                                                                                                                                                                                          Doubles
0. 217
0. 100
0. 717
-0. 017
0. 417
0. 067
0. 250
0. 350
0. 667
0. 267
                                                                                                                                                                                                                                                                              Cvcle
                                                                                                                                                                                                                                                                                                                                                                             Triples
                                                                                                                                                                                                                                                                                                                                                                                                                  Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                                                0.000
0.000
0.000
0.000
0.000
                                                                64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                        236. 633
238. 083
236. 533
239. 050
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                     6
7
                                                                                                                                                                                                                                                                                                         235. 767
238. 417
                                                                                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                                        238. 033
243. 683
238. 600
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
                                                                                                      0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                       (2)
```

201910_AFAS-B Bottom Fork_Position4.txt	20	201910_AFAS-B Bottom Fork_Position				
	Passive triples bkgrnd:	0.000 +-	0.000			

INCC 5. 1. 2		
Facility: Material balance area: Detector type: Detector id: Electronics id: Inventory change code: 1/0 code:	PFPF JM2G JSR_02 JSR_02 JSR_12	
Measurement date: Results file name: Inspection number:	19. 10. 08	
Item id: Stratum id: Material type: Original declared mass:	BB4 201910 XXXX Pu 0.000	
Measurement option: Data source: QC tests:	Verification Review disk file On	
Error calculation: Accidentals method: Inspector name: Passive comment:	Sample method Measured	
Isotopics id: Isotopics source code: Pu238: Pu299: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 00.01.01 19.10.08 0.0000 ← 0.0000 0.0000 ← 0.0000 00.01.01 19.10.08	
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0060 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001	
Normalization constant:	1.0000 +- 0.0000	

0.000 +-0.000 +- 0. 000 0. 000 (1)

Passive singles bkgrnd: Passive doubles bkgrnd:

	e scaler1 bkg e scaler2 bkg		0. 000 0. 000			
	r passive cyc Count time (s		10 60			
Passive	error messag	ges				
No know	n alpha calib	oration				
Results						
		Doul Trij Scal	gles: ples: ples: er 1: er 2:	920. 155 3. 643 0. 000 46. 125 0. 000	+- 0. 4 +- 0. 0 +- 0. 2	50 00 47
Passive	cycle raw da	ata				
Cycle 1 2 3 4 5 6 7 8 9 10 Passive	Singles 55194 55006 55647 55393 54647 54809 55482 54962 55533 55420	R+A 3536 3378 3439 3436 3403 3345 3514 3379 3579 3573 3522	A 3275 3211 3273 3239 3034 3187 3275 3312 3277 3256	Scaler 1 2751 2778 2679 2840 2807 2812 2719 2771 2769 2749	0 0 0 0 0 0	QC Tests Pass Pass Pass Pass Pass Pass Pass P
Cycle 1 2 3 4 5 6 7 8 9 10	Singles 919, 900 916, 767 927, 450 923, 217 910, 783 913, 483 924, 700 916, 033 925, 550 923, 667	2. · 3 6. · 2. · 3 1. ·	l es 350 783 767 283 150 633 983 117 933 433	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000	Pass Pass Pass Pass Pass Pass Pass Pass

(2)

201910_AFAS-B Bottom Fork_Position5.txt

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                              0.000
    Facility: PFPF
Material balance area: JM2G
Detector type: JSR_02
Detector id: JSR_02
Electronics id: JSR-12
                                                                                                                                                                                                                                                                             Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                               Number passive cycles:
                                                                                                                                                                                                                                                                                           Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                          Passive error messages
                                                            19. 10. 08 10:14:46
9A8K1446. VER
                                                                                                                                                                                                                                                                          No known alpha calibration
             Results
                                                            BB5 201910
                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                             2803.300 +-
                                                                                                                                                                                                                                                                                                                                                                                                                  2. 756
                                                            XXXX
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                28. 408 +-
0. 000 +-
49. 482 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                  1. 000
0. 000
0. 210
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                          Passive cycle raw data
                                                                                                                                                                                                                                                                                             Singles
168183
168121
168904
                                                                                                                                                                                                                                                                                                                            R+A
32165
32176
32094
                                                                                                                                                                                                                                                                                                                                                                             Scaler 1
2995
2940
2981
                                                                                                                                                                                                                                                                                                                                                                                                      Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                                                                       A
30285
                                                                                                                                                                                                                                                                                                                                                       30393
30669
                         Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                      30170
30334
29792
30302
30149
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                            31941
31913
31811
32038
                                                                                                                                                                                                                                                                                                                                                                                  2871
3010
2972
2971
                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                 168046
                                                                                                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                     0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                168603
167089
168425
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                          Pu241:
                                                                                                                                                                                                                                                                                                167673
                                                                                                                                                                                                                                                                                                                             31965
                                                                                                                                                                                                                                                                                                                                                                                   2990
                                          Pu242:
                                                                                                                                                                                                                                                                                                 168650
                                                                                                                                                                                                                                                                                                                             31914
                                                                                                                                                                                                                                                                                                                                                       30454
                                                                                                                                                                                                                                                                                                                                                                                    2962
2997
                                    Pu242:
Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                     19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                                10
                                                                                                                                                                                                                                                                                                168286
                                                                                              0.0000
                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                          Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                      Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                  Singles
2803.050
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                                                                                     Doubles
31, 333
29, 717
23, 750
29, 517
26, 317
33, 650
28, 933
30, 267
24, 333
26, 267
                                                                                                                                                                                                                                                                          Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                             Mass QC Tests
0.000 Pass
                                                               64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                   2802. 017
2815. 067
2800. 767
2810. 050
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                 6
7
                                                                                                                                                                                                                                                                                                   2784, 817
                                                                                                                                                                                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                                                                  2807. 083
2794. 550
2810. 833
2804. 767
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
                                                                                                     0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                  (2)
```

	201910_AFAS-B Bottom Fork_Position6.txt	201910_AFAS-B Bottom Fork_Position6.txt
INCC 5.1.2	PFPF	Passive triples bkgrnd: 0.000 +- 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JM2G JSR_02	rassive scaletz bagrin. 0.000 Mumber passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name:	19. 10. 08 10:30:51 9A8K3051. VER	No known alpha calibration
Inspection number: Item id: Stratum id:	BB6 201910 XXXX	Results Singles: 36.185 +- 0.212
Material type: Original declared mass: Measurement option: Data source: QC tests:		Doubles: 0.015 +- 0.019 Triples: 0.000 +- 0.000 Scaler 1: 2408.080 +- 2.450 Scaler 2: 0.000 +- 0.000
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 2129 4 1 144533 0 Pass 2 2208 7 6 144059 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3 2170 4 11 144016 0 Pass 4 2218 5 3 144378 0 Pass 5 2219 7 5 144640 0 Pass 6 2187 11 4 145436 0 Pass 7 2094 4 6 144227 0 Pass 8 2158 8 7 144752 0 Pass 9 2179 3 2 144878 0 Pass 10 2149 6 5 143929 0 Pass Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient B dradtime: Coefficient Gradtime: Doubles gate fraction:	1.50 64.00 1720 50.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 35,483 0.050 0.000 0.000 Pass 2 36,800 0.017 0.000 0.000 Pass 3 36,167 -0.117 0.000 0.000 Pass 4 36,967 0.033 0.000 0.000 Pass 5 36,983 0.033 0.000 0.000 Pass 6 36,450 0.117 0.000 0.000 Pass 7 34,900 -0.033 0.000 0.000 Pass 8 35,967 0.017 0.000 0.000 Pass 9 36,317 0.017 0.000 0.000 Pass 10 35,817 0.017 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd: Passive doubles bkgrnd:	1.0000 ← 0.0000 0.000 ← 0.000 0.000 ← 0.000	

201910_AFAS-B Bottom Fork_Position7.txt

201010 AFAC P Pottom Foul Positions tut

Triples gate fraction:
Normalization constant:

Passive singles bkgrnd: Passive doubles bkgrnd: 1.0000 +-

0.000 +-0.000 +- 0.0000

0. 000 0. 000 (1)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                       Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                           0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                       0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                          PFPF
JM2G
JSR_02
JSR_02
                                                                                                                                                                                                                                                                        Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                          Number passive cycles:
                                                                                                                                                                                                                                                                                      Count time (sec)
                                                           JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                     Passive error messages
                                                           19. 10. 08 10:47:55
9A8K4755. VER
                                                                                                                                                                                                                                                                     No known alpha calibration
             Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                      Results
                                                           BB7 201910
                                                                                                                                                                                                                                                                                                                               Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                         32.972 +-
                                                           XXXX
                                                                                                                                                                                                                                                                                                                                                                                                          0.197
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                       0.015 +-
0.000 +-
826.093 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                          0. 012
0. 000
1. 249
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Sample method
Measured
                                                                                                                                                                                                                                                                     Passive cycle raw data
                                                                                                                                                                                                                                                                                      Singles
1927
                                                                                                                                                                                                                                                                                                                                                                     Scaler1
49714
49970
49544
                                                                                                                                                                                                                                                                                                                                                                                              Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                      Cycle
                                                                                                                                                                                                                                                                                               2011
1984
                        Isotopics id: Default
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                           0. 0000 +-
0. 0000 +-
100. 0000 +-
                                                                                                                                                                                                                                                                                                                                                                         49520
49813
49154
49401
                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                               2045
                                                                                                                                                                                                                                                                                                                                                                                                            0
0
0
0
0
0
                                                                                           0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                   0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                  0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                               1948
1978
1948
1955
                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
                                                                0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                         49479
                                         Pu241:
                                                                                                                                                                                                                                                                            8
                                         Pu242:
                                                                                                                                                                                                                                                                                                1966
                                                                                                                                                                                                                                                                                                                                                                         49688
                                   Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000
00. 01. 01
                                                                                                                   19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                           10
                                                                                                                                                                                                                                                                                               2021
                                                                                                                                                                                                                                                                                                                                                                         49373
                                                                                            0.0000
                                                                                                                                                   0.0000
                                                                                                                                                                                                                                                                      Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                               Doubles
0. 033
-0. 033
0. 000
0. 083
0. 033
                                                                  1.50
64.00
                                                                                                                                                                                                                                                                                               Singles
                                                                                                                                                                                                                                                                                                                                                                Triples
                                                                                                                                                                                                                                                                     Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                     Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                 32, 117
                                                             64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                 33. 517
33. 067
34. 083
32. 467
32. 967
32. 467
                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                   0. 000
0. 067
0. 000
-0. 033
0. 000
                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                            6
7
                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
                                                                                                                                                                                                                                                                                                 32. 583
32. 767
33. 683
                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                    1.0000 +-
 Normalization constant:
                                                                                                   0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     0.000 +-
0.000 +-
                                                                                                     (1)
                                                                                                                                                                                                                                                                                                                                                                           (2)
```

	201910_AFAS-B Bottom Fork_Position8.txt					201910_AFAS-B Bottom Fork_Position8.txt						
INCC 5.1.2 Facility:						Passi	ve triples bk ve scaler1 bk ve scaler2 bk	grnd: 0.	000 +- 000 000	0.000		
Material balance area:												
Detector type:	JSR_02					Numb	er passive cy		9			
Detector id:	JSR_02						Count time (sec):	60			
Electronics id:	JSR-12											
Inventory change code: I/O code:							e error messa	_				
Measurement date:	19. 10. 08 11:	03:59				No kno	vn alpha calil	bration				
Results file name:	9A8L0359. VER											
Inspection number:						Result	3					
Item id:	BB8 201910											
Stratum id:	XXXX							Single		47. 237		
Material type:								Doub I e		0. 007		
Original declared mass:								Triple	es:	0.000		
Measurement option:	Verification							Scaler	1:	244. 544		
Data source:	Review disk f	ile						Scaler	2:	0.000	+- 0.00	00
QC tests:	0n											
Error calculation:	Sample method					Passiv	e cycle raw da	ata				
Accidentals method:	Measured											
Inspector name:						Cycle	Singles	R+A	Α	Scaler1		QC Tests
Passive comment:						1	2762	10	5	14465		Pass
						2	2861	8	7	14636		Pass
Isotopics id:	Default					3	2836	9	11	14729	0	Pass
Isotopics source code:	CO					4	2912	1	13	14649	0	Pass
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000		5	2866	11	5	14739	0	Pass
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000		6	2851	10	5	14670	0	Pass
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000		7	2745	5	5	14655	0	Pass
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000		8	2846	13	12	14732	0	Pass
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000		9	2829	9	9	14779	0	Pass
Pu date:	00.01.01		19. 10. 08									
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000		Passiv	cycle rate	data				
Am date:	00.01.01		19. 10. 08									
						Cycle	Singles	Doub I es	3	Triples		QC Tests
Predelay:	1.50					1	46. 033	0. 083	3	0.000	0.000	Pass
Gate length:	64.00					2	47. 683	0. 01	7	0.000	0.000	Pass
2nd gate length:	64.00					3	47. 267	-0. 033	3	0.000	0.000	Pass
High voltage:	1720					4	48. 533	-0. 200)	0.000	0.000	Pass
Die away time:	50.0000					5	47. 767	0. 100)	0.000	0.000	Pass
Efficiency:	0.0060					6	47. 517	0. 083	3	0.000	0.000	Pass
Multiplicity deadtime:	0.0000					7	45. 750	0.000)	0.000	0.000	Pass
Coefficient A deadtime:	0.0000					8	47. 433	0. 01		0.000	0.000	
Coefficient B deadtime:	0.0000					9	47. 150	0.000		0.000	0.000	
Coefficient C deadtime:	0.0000											
Doubles gate fraction:	0. 0001											
Triples gate fraction:	0.0001											

201910_AFAS-B Bottom Fork_Position9.txt

Triples gate fraction:

Normalization constant:

Passive singles bkgrnd: Passive doubles bkgrnd: 0.0001

1.0000 +-

0.000 +-0.000 +- 0.0000

0. 000 0. 000 (1)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                   Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                         0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                       0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                             PFPF
JM2G
JSR_02
JSR_02
                                                                                                                                                                                                                                                                                    Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                                      Number passive cycles:
                                                                                                                                                                                                                                                                                                  Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                 Passive error messages
                                                             19. 10. 08 11:26:05
9A8L2605. VER
                                                                                                                                                                                                                                                                                 No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                  Results
                                                             BB9 201910
                                                                                                                                                                                                                                                                                                                                             Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                        157, 500 +-
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                            0.360
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                          0. 105 +-
0. 000 +-
99. 553 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 104
0. 000
0. 441
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                                 Passive cycle raw data
                                                                                                                                                                                                                                                                                                   Singles
9391
9444
9412
                                                                                                                                                                                                                                                                                                                                     R+A
89
74
102
                                                                                                                                                                                                                                                                                                                                                                                     Scaler1
5858
5917
6104
                                                                                                                                                                                                                                                                                                                                                                                                                Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                  Cycle
                                                                                                                                                                                                                                                                                                                                                                      77
77
82
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                            6089
5904
5999
5898
5965
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                           9338
9474
9429
9433
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                         95
94
111
115
123
92
100
                                                                                                                                                                                                                                                                                                                                                                   86
94
90
139
77
100
110
                                                                                                                                                                                                                                                                                                                                                                                                                              0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                          0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
                                           Pu241:
                                                                                                                                                                                                                                                                                        8
                                                                                                                                                                                                                                                                                                            9505
                                           Pu242:
                                                                                                                                                                                                                                                                                                            9487
                                                                                                                                                                                                                                                                                                                                                                                             5956
                                     Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000
00. 01. 01
                                                                                                                        19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                                       10
                                                                                                                                                                                                                                                                                                            9587
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                  Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                             Doubles
0. 200
-0. 050
0. 333
0. 150
0. 000
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                           Singles
156.517
                                                                                                                                                                                                                                                                                                                                                                                Triples
                                                                                                                                                                                                                                                                                 Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                       Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                            157. 400
156. 867
155. 633
157. 900
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                           157. 150
157. 217
158. 417
158. 117
159. 783
                                                                                                                                                                                                                                                                                                                                                 0. 350
-0. 400
0. 767
-0. 133
-0. 167
                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                        6
7
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
                                                                                                        0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                           (2)
```

	201910 AFAS-B Bott	tom Fork Position1) +v+			201010	AEAC_E	Bottom Fork	Position1	0 +v+
	201910_AFA3-B BOLL	LOIII FOFK_FOSTETOITI). LXL			_			_F051110111	U. LXL
INCC 5. 1. 2					ve triples bkg ve scaler1 bkg		000 +- 000	0.000		
Facility:				Passiv	ve scaler2 bkg	rnd: 0.	000			
Material balance area: Detector type:	JM2G JSR 02			Numbe	er passive cyc	les:	10			
Detector id:	JSR_02				Count time (s		60			
Electronics id: Inventory change code:	JSR-12			Passive	e error messag	res				
I/O code:					_					
Measurement date: Results file name:	19. 10. 08 13:15:3 9A8N1533. VER	33		No know	wn alpha calib	ration				
Inspection number:				Results	S					
Item id: Stratum id:	BB10 201910 XXXX					Single	٥.	95, 323	+- 0.3	44
Material type:	Pu					Doub l e	s:	-0.005	+- 0.0	42
Original declared mass: Measurement option:	0.000 Verification					Triple Scaler		0. 000 81. 012		
Data source:	Review disk file					Scaler		0.000		
QC tests: Error calculation:	On Sample method			Passive	e cycle raw da	ıta				
Accidentals method:	Measured				-					
Inspector name: Passive comment:				Cycle 1	Singles 5724	R+A 40	A 31	Scaler1 4717	Scaler2 0	QC Tests Pass
				2	5637	31	37	5000	0	Pass
Isotopics id: Isotopics source code:	Default CO			3	5686 5713	41 31	51 32	4793 4844	0	Pass Pass
Pu238:	0.0000 +- 0.0	0.0000 +		5	5620	41	34	4963	0	Pass
Pu239: Pu240:		0000 0.0000 + 0000 100.0000 +		6 7	5711 5823	27 45	37 32	4957 4833	0	Pass Pass
Pu241:		0000 0.0000 +		8	5723	33	34	4902	0	Pass
Pu242: Pu date:	0.0000 +- 0.0 00.01.01	0.0000 + 19.10.08	0.0000	9 10	5742 5815	31 35	30 40	4751 4847	0	Pass Pass
Am241:		0000 19.10.08	- 0.0000	10	3013	33	40	4047	U	rass
Am date:	00. 01. 01	19. 10. 08		Passive	e cycle rate d	lata				
Predelay:	1.50			Cycle	Singles	Doub I es		Triples	Mass	
Gate length:	64. 00 64. 00			1 2	95. 400 93. 950	0. 150 -0. 100		0.000	0. 000 0. 000	
2nd gate length: High voltage:	1720			3	93. 950 94. 767	-0. 100 -0. 167		0. 000 0. 000	0.000	
Die away time:	50.0000			4	95. 217	-0. 017		0.000	0.000	
Efficiency: Multiplicity deadtime:	0. 0060 0. 0000			5 6	93. 667 95. 183	0. 117 -0. 167		0. 000 0. 000	0. 000 0. 000	
Coefficient A deadtime:	0.0000			7	97. 050	0. 217		0.000	0.000	
Coefficient B deadtime:	0.0000			8	95. 383	-0. 017		0.000	0.000	
Coefficient C deadtime: Doubles gate fraction:	0. 0000 0. 0001			9 10	95. 700 96. 917	0. 017 -0. 083		0. 000 0. 000	0.000	Pass Pass
Toinles out fourtions	0.0001				- 0. 0 . 7	0.000			0.000	

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                              Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                0.000
   Facility: PFPF
Material balance area: JM26
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                               Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                                 Number passive cycles:
                                                                                                                                                                                                                                                                                             Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                            Passive error messages
                                                            19. 10. 08 09:07:56
9A8J0756. VER
                                                                                                                                                                                                                                                                            No known alpha calibration
             Results
                                                            BC1 201910
XXXX
                                                                                                                                                                                                                                                                                                                                       Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                               1390, 862 +-
                                                                                                                                                                                                                                                                                                                                                                                                                    1.625
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                               7. 463 +-
0. 000 +-
2681. 808 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                    0. 394
0. 000
1. 797
0. 000
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                            Passive cycle raw data
                                                                                                                                                                                                                                                                                              Singles
83007
                                                                                                                                                                                                                                                                                                                               R+A
7673
7729
7947
                                                                                                                                                                                                                                                                                                                                                                               Scaler1
160706
161369
160540
                                                                                                                                                                                                                                                                                                                                                                                                        Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                             Cycle
                                                                                                                                                                                                                                                                                                                                                           A
7312
                                                                                                                                                                                                                                                                                                     82998
83227
                                                                                                                                                                                                                                                                                                                                                            7362
7452
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                7914
7928
7797
7836
                                                                                                                                                                                                                                                                                                                                                                                 160902
160395
161188
161178
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                     83330
                                                                                                                                                                                                                                                                                                                                                           7421
7413
7460
7397
7503
7308
7473
                                                                                                                                                                                                                                                                                                                                                                                                                      0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                      0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                    83656
83518
83595
                                                                                                                                                                                                                                                                                                                                7935
7876
7940
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
                                          Pu241:
                                                                                                                                                                                                                                                                                   8
                                                                                                                                                                                                                                                                                                     83996
                                                                                                                                                                                                                                                                                                                                                                                  161328
                                          Pu242:
                                                                                                                                                                                                                                                                                                     83399
                                                                                                                                                                                                                                                                                                                                                                                  160669
                                    Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                      19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                                  10
                                                                                                                                                                                                                                                                                                     83605
                                                                                                                                                                                                                                                                                                                                                                                  160810
                                                                                              0.0000
                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                            Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                       Doubles
6. 022
6. 122
8. 257
8. 224
8. 591
                                                                                                                                                                                                                                                                                                     Singles
1383.757
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                         Triples
                                                                                                                                                                                                                                                                                                                                                                                                               Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                            Cvcle
                                                                                                                                                                                                                                                                                                                                                                             0.000
0.000
0.000
0.000
0.000
                                                               64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                     1383. 607
1387. 426
1389. 143
1394. 579
                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                           5. 622
7. 323
7. 206
9. 475
7. 790
                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                   6
                                                                                                                                                                                                                                                                                                     1392. 278
1393. 562
                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
                                                                                                                                                                                                                                                                                                     1400. 248
1390. 293
1393. 728
                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
 Normalization constant:
                                                                                                     0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                    (2)
```

201910_AFAS-B Collar_Position2.txt						201910_AFAS-B Collar_Position2.txt							
INCC 5.1.2 Facility:					Passi	ve triples bk ve scaler1 bk ve scaler2 bk	grnd:	0.000 +- 0.000 0.000	0.000				
Material balance area: Detector type: Detector id: Electronics id: Inventory change code:	JM2G JSR_01 JSR_01 JSR-12					er passive cy Count time (sec):	10 60					
I/O code: Measurement date: Results file name: Inspection number:	19. 10. 08 09:25:00 9A8J2500. VER				No kno								
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: OC tests:	BC2 201910 XXXX Pu 0.000 Verification Review disk file On						Dou Tri Scal	gles: bles: ples: er 1: er 2:	3703. 314 56. 663 0. 000 659. 330 0. 000	← 1. 978 ← 0. 000 ← 1. 531			
Error calculation: Accidentals method:	Sample method Measured				Passive	Passive cycle raw data							
Inspector name: Passive comment: Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 +- 0.0000 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.01.01 0.0000 +- 0.0000 0.01.01 0.0000 +- 0.0000 0.01.01 0.0000 +- 0.0000 0.01.01 0.0000 +- 0.0000 0.01.01 0.0000 +- 0.0000 0.01.01	0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 19.10.08	0000 0,0000 0,0000 0000 100,0000 0,0000 0000 0,0000 0,0000 0000 0,0000 0,0000 19,10.08 0000 0,0000 0,0000			Singles 222591 222405 221673 222611 221628 222227 221531 222168 222443 221391		A 53032 52848 52727 52687 52712 52658 52154 52335 52592 52332	Scaler1 39188 39407 39695 39148 40100 39484 39818 39750 39542 39466	Scaler2 QC Tests			
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 7.20 1720 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.0001 0.0001				Gycle 1 2 3 4 5 6 7 8 9	Singles 3712.061 3708.957 3696.742 3712.394 3695.991 3705.987 3694.373 3705.002 3709.591 3692.037	Doub 59. 58. 45. 58. 45. 62. 59. 61. 54.	709 623 241 339 825 348 909 195 346	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass OC Teets 0.000 Pass			
Normalization constant: Passive singles bkgrnd:	1.0000 +- 0.000 0.000 +- 0.000												
Passive doubles bkgrnd:	0.000 + 0.000 (1)								(2)				

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                        Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                           0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                        0.000
    Facility: PFPF
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                        Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                          Number passive cycles:
                                                                                                                                                                                                                                                                                      Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                      Passive error messages
                                                           19. 10. 08 09:43:05
9A8J4305. VER
                                                                                                                                                                                                                                                                      No known alpha calibration
             Results
                                                           BC3 201910
                                                                                                                                                                                                                                                                                                                                Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                           XXXX
                                                                                                                                                                                                                                                                                                                                                                   51552, 688 +-
                                                                                                                                                                                                                                                                                                                                                                                                         17, 941
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                   11110.038 +-
0.000 +-
164.140 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                        32. 924
0. 000
0. 451
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                      Passive cycle raw data
                                                                                                                                                                                                                                                                                        Singles
3063609
                                                                                                                                                                                                                                                                                                                R+A
10645238
10677164
10720468
                                                                                                                                                                                                                                                                                                                                                                      Scaler1
9937
9983
9776
                                                                                                                                                                                                                                                                                                                                                                                               Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                      Cycle
                                                                                                                                                                                                                                                                                                                                          10036053
10068345
                                                                                                                                                                                                                                                                                        3066910
3073053
                        Isotopics id: Default
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                            9920
9858
9870
9854
9807
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                        3066064
3068661
3068708
3067311
                                                                                                                                                                                                                                                                                                                10679114
10689659
10690991
10677717
                                                                                                                                                                                                                                                                                                                                         10031564
10044437
10038496
10033947
                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                             0
0
0
0
0
0
                                                                                           0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                   0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                  0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                        3061877
3071454
3069152
                                                                                                                                                                                                                                                                                                                                         9990072
10066341
10049027
                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
                                         Pu241:
                                                                                                                                                                                                                                                                                                                10639363
                                         Pu242:
                                                                                                                                                                                                                                                                                                                10705084
10694624
                                                                                                                                                                                                                                                                                                                                                                             9781
                                   Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                   19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                           10
                                                                                                                                                                                                                                                                                                                                                                             9698
                                                                                            0.0000
                                                                                                                                                    0.0000
                                                                                                                                                                                                                                                                      Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                          Singles
51483.706
                                                                  1.50
64.00
                                                                                                                                                                                                                                                                      Cvcle
                                                                                                                                                                                                                                                                                                                            Doubles
10907, 229
                                                                                                                                                                                                                                                                                                                                                                                                      Mass QC Tests
0.000 Pass
                                                              64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                          51539. 641
51643. 737
51525. 306
51569. 312
                                                                                                                                                                                                                                                                                                                            11044. 560
11235. 016
11155. 383
11115. 593
                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                           51570.109
                                                                                                                                                                                                                                                                                                                             11240. 894
11090. 415
                                                                                                                                                                                                                                                                                                                                                                                                      0.000
                                                                                                                                                                                                                                                                                           51546 436
                                                                                                                                                                                                                                                                                          51454. 357
51616. 641
51577. 632
                                                                                                                                                                                                                                                                                                                            11184. 866
11004. 310
11122. 112
                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                    1.0000 +-
 Normalization constant:
                                                                                                   0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                    0.000 +-
0.000 +-
                                                                                                     (1)
                                                                                                                                                                                                                                                                                                                                                                            (2)
```

	201910_AFAS-B Collar_Position4.txt			:	201910_AFA	S-B Collar_Po	sition4.txt
INCC 5. 1. 2		Passi	ve triples bk ve scaler1 bk	grnd:	0.000 +- 0.000	0.000	
Facility: Material balance area: Detector type:	PFPF JM2G JSR 01		ve scaler2 bk er passive cv	-	0. 000		
Detector id: Electronics id: Inventory change code:	JSR_01 JSR-12		Count time ((sec):	60		
I/O code: Measurement date:	19.10.08 09:59:09		wn alpha cali				
Results file name: Inspection number: Item id:	9A8J5909. VER BC4 201910	Result	s				
Stratum id: Material type: Original declared mass:	XXXX Pu 0.000			Doi Tr	ngles: ubles: iples:	6636. 188 + 186. 657 + 0. 000 +	- 4. 602 - 0. 000
Measurement option: Data source: QC tests:	Verification Review disk file On			Sca	ler 1: ler 2:	56. 212 + 0. 000 +	
Error calculation: Accidentals method: Inspector name:	Sample method Measured	Cycle		R+A	A 100150	Scaler1	Scaler2 QC Tests 0 Pass
Passive comment: Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date:	Default C0 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 10.0000 ← 0.0000 0.01.01 0.0000 ← 0.0000 0.01.01 0.0000 ← 0.0000	1 2 3 4 5 6 7 8 9	397636 396793 398829 397782 397002 397478 397724 398194 397953 398084	178969 179636 181183 179351 179552 178940 178978 180750 179745 181309	168158 168445 169051 168136 167597 169546 168635 169059 169032 169236	3297 3428 3314 3329 3422 3412 3343 3372 3366 3444	O Pass
Am241: Am date:	0.0000 \(\to \) 0.0000	Passiv	e cycle rate	data			
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Coefficient Coedatime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.0001	Cycle 1 2 3 4 5 6 7 8 9	Singles 6634, 326 6620, 246 6654, 252 6636, 765 6623, 737 6631, 687 6635, 796 6643, 646 6639, 621 6641, 809	187. 200. 157. 173. 195.	952 311 066 715 099 235 119 683	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests Q. 0000 Pass
Normalization constant:	1.0000 +- 0.0000						
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 \(\dots \) 0.000 0.000 \(\dots \) 0.000						

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                 Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                     0.000
    Facility: PFPF
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                  Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                                    Number passive cycles:
                                                                                                                                                                                                                                                                                                Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                               Passive error messages
                                                             19. 10. 08 10:15:14
9A8K1514. VER
                                                                                                                                                                                                                                                                               No known alpha calibration
             Results
                                                             BC5 201910
                                                                                                                                                                                                                                                                                                                                           Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                   2749.351 +-
                                                                                                                                                                                                                                                                                                                                                                                                                         1.327
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                       30. 444 +-
0. 000 +-
49. 183 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                         1. 212
0. 000
0. 306
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                               Passive cycle raw data
                                                                                                                                                                                                                                                                                                   Singles
164815
164865
165394
                                                                                                                                                                                                                                                                                                                                  R+A
30794
30916
30880
                                                                                                                                                                                                                                                                                                                                                                                   Scaler1
3008
2915
2891
                                                                                                                                                                                                                                                                                                                                                                                                             Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                Cycle
                                                                                                                                                                                                                                                                                                                                                             A
28794
                                                                                                                                                                                                                                                                                                                                                             28819
29216
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                            29516
29516
29066
29124
28707
28957
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                  31059
30762
30688
30849
                                                                                                                                                                                                                                                                                                                                                                                         2994
2925
2911
2943
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                      165121
                                                                                                                                                                                                                                                                                                                                                                                                                           0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                     164797
164883
164451
164976
                                                                                                                                                                                                                                                                                                                                                                                          3079
2921
2923
                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                   31017
                                          Pu241:
                                          Pu242:
                                                                                                                                                                                                                                                                                                     164908
164673
                                                                                                                                                                                                                                                                                                                                   30760
30588
                                                                                                                                                                                                                                                                                                                                                             29085
28795
                                     Pu242:
Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                        19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                                     10
                                                                                               0.0000
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                                Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                             Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                        Singles
2748. 128
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                                                           Doubles
33.392
                                                                                                                                                                                                                                                                               Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                    Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                        2748. 962
2757. 787
2753. 233
2747. 828
                                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                              35. 012
27. 782
25. 762
28. 317
26. 113
35. 763
34. 394
27. 966
29. 936
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                       2749. 263
2742. 056
2750. 814
2749. 680
2745. 760
                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                      6
7
                                                                                                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
                                                                                                      0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                         (2)
```

	201910_AFAS-B Collar_Position6.txt			201	910_AFAS	G-B Collar_Po	osition6.txt
INCC 5.1.2 Facility:	PEPE	Passiv	/e triples bkg /e scaler1 bkg /e scaler2 bkg	grnd: 0	0. 000 +- 0. 000 0. 000	0. 000	
Material balance area: Detector type: Detector id:	JM26 JSR_01 JSR_01		er passive cyc Count time (s	cles:	10 60		
Electronics id: Inventory change code: I/O code:	JSR-12		e error messag				
Measurement date: Results file name: Inspection number:	19, 10, 08	No know Results	wn alpha calib S	oration			
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	BGS 201910 XXXX Pu 0.000 Verification Review disk file			Singl Doubl Tripl Scaler Scaler	es: es: 1:	872. 162 ± 2. 500 ± 0. 000 ± 70. 203 ± 0. 000 ±	→ 0. 388→ 0. 000→ 0. 427
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive	e cycle raw da	ata			
Inspector name: Passive comment:	moutour ou	Cycle 1 2	Singles 52370 52173	R+A 3089 3131	A 2944 2881	Scaler1 4235 4088	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am date:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 00.01.01 19.10.08 0.0000 0.01.01 19.10.08	3 4 5 6 7 8 9	52490 52307 52214 52330 52407 52373 52171 52389	3108 3022 3067 3078 3160 3108 3078 3024	2947 2877 3069 2913 2940 2888 2982 2925	4225 4246 4345 4321 4193 4124 4151 4194	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 1720 50. 0000 0. 1970 160. 0000 0. 1030 0. 0000 0. 0000 0. 0000 0. 0000 0. 00001	Cycle 1 2 3 4 5 6 7 8 9	Singles 872. 956 869. 671 874. 956 871. 905 870. 355 872. 289 873. 572 873. 006 869. 638 873. 272	Doub le 2. 41 4. 16 2. 68 2. 41 -0. 03 2. 75 3. 66 3. 66 1. 65	8 19 15 18 18 18 18 18 19 19	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant:	1.0000 +- 0.0000						
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 \(\dots \) 0.000 \(\dots \) 0.000						

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                             Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                               0.000
    Facility: PFPF
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                              Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                Number passive cycles:
                                                                                                                                                                                                                                                                                            Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                           Passive error messages
                                                            19. 10. 08 10:47:22
9A8K4722. VER
                                                                                                                                                                                                                                                                           No known alpha calibration
             Results
                                                            BC7 201910
                                                                                                                                                                                                                                                                                                                                      Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                              1068, 455 +-
                                                                                                                                                                                                                                                                                                                                                                                                                   1, 253
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                               4. 089 +-
0. 000 +-
113. 785 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 533
0. 000
0. 464
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                           Passive cycle raw data
                                                                                                                                                                                                                                                                                                                             R+A
4636
4550
4493
                                                                                                                                                                                                                                                                                                                                                                             Scaler1
6918
6809
6676
                                                                                                                                                                                                                                                                                                                                                                                                       Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                                                                         A
4412
4306
4379
                                                                                                                                                                                                                                                                                                   63670
63875
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                               4530
4658
4615
4826
4652
                                                                                                                                                                                                                                                                                                                                                          4423
4435
4312
4364
4417
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                   64277
64113
63988
64382
                                                                                                                                                                                                                                                                                                                                                                                    6959
6792
6741
6825
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                     0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                     0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                   64041
64065
                                          Pu241:
                                                                                                                                                                                                                                                                                  8
                                                                                                                                                                                                                                                                                                                                                                                    6929
                                          Pu242:
                                                                                                                                                                                                                                                                                                                                4600
4656
                                                                                                                                                                                                                                                                                                                                                          4292
4424
                                                                                                                                                                                                                                                                                                                                                                                    6786
                                    Pu242:
Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                      19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                                10
                                                                                                                                                                                                                                                                                                   64073
                                                                                                                                                                                                                                                                                                                                                                                    6836
                                                                                              0.0000
                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                           Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                       Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                     Doubles
3. 736
4. 069
1. 901
1. 785
3. 719
                                                                                                                                                                                                                                                                                                   Singles
1074, 835
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                             Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                           Cvcle
                                                               64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                   1061. 347
1064. 765
1071. 468
1068. 733
                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                          5. 053
7. 705
3. 919
5. 137
3. 869
                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                  6
                                                                                                                                                                                                                                                                                                   1066. 649
1073. 218
                                                                                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                                                   1067. 533
1067. 933
1068. 066
                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
                                                                                                     0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                   (2)
```

	201910_AFAS-B Collar_Position8.txt			201	910_AFAS	-B Collar_Po	osition8.txt
INCC 5.1.2 Facility:	PFPF	Passiv	ve triples bkg ve scaler1 bkg ve scaler2 bkg	grnd: 0	. 000 +- . 000 . 000	0.000	
Material balance area: Detector type: Detector id: Electronics id:	JM26 JSR_01 JSR_01 JSR-12	Numbe	er passive cyc Count time (s		10 60		
Inventory change code: I/O code:			e error messag				
Measurement date: Results file name: Inspection number:	19. 10. 08 11:04:27 9A8L0427. VER	No know	wn alpha calib s	oration			
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	BC8 201910 XXXX Pu 0.000 Verification Review disk file			Singl Doubl Tripl Scaler Scaler	es: es: 1:	618. 781 + 1. 777 + 0. 000 + 45. 593 + 0. 000 +	→ 0. 322→ 0. 000→ 0. 299
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive	e cycle raw da	ata			
Inspector name: Passive comment:	measureu	Cycle 1 2	Singles 36889 36770	R+A 1516 1518	A 1413 1453	Scaler1 2679 2704	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01.01 19.10.08 0.0000 ← 0.0000 0.0000 ← 0.0000 19.10.08 0.0000	3 4 5 6 7 8 9	37341 37220 36921 37334 37277 37077 37077 37322 37081	1518 1578 1554 1641 1606 1578 1638 1547	1511 1494 1482 1442 1493 1396 1465 1479	2795 2783 2706 2721 2792 2675 2823 2678	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient Gedadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1970 160. 0000 0. 641 9 0. 1030 0. 0000 0. 0000 0. 0000 0. 0000	Cycle 1 2 3 4 5 6 7 8 9	Singles 614. 877 612. 894 622. 412 620. 395 615. 411 622. 295 621. 345 618. 011 622. 095 618. 078	Double 1. 71 1. 08 0. 11 1. 40 1. 20 3. 31 1. 88 3. 03 2. 88 1. 13	7 4 7 1 0 8 4 4 5	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass
Normalization constant:	1.0000 +- 0.0000						
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 \(\dots \) 0.000 0.000 \(\dots \) 0.000						

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                 Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                                          0.000
    Facility: PFPF
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                                  Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                                                    Number passive cycles:
                                                                                                                                                                                                                                                                                                                 Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                               Passive error messages
                                                                 19. 10. 08 11:26:32
9A8L2632. VER
                                                                                                                                                                                                                                                                                               No known alpha calibration
              Results
                                                                 BC9 201910
                                                                BC9 201910
XXXX
Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                               Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                         1189, 232 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                                 1.680
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                                                                                                                                                                                                                              5. 783 +-
0. 000 +-
31. 873 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 387
0. 000
0. 189
0. 000
                                                                 On
Sample method
Measured
                                                                                                                                                                                                                                                                                               Passive cycle raw data
                                                                                                                                                                                                                                                                                                                   Singles
71719
71578
71213
                                                                                                                                                                                                                                                                                                                                                      R+A
5827
5805
5663
                                                                                                                                                                                                                                                                                                                                                                                                         Scaler 1
1925
1946
1867
                                                                                                                                                                                                                                                                                                                                                                                                                                    Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                Cycle
                                                                                                                                                                                                                                                                                                                                                                                   A
5505
5476
5326
                          Isotopics id: Default
                                                                0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                   5297
5327
5361
5505
5506
5508
5466
                                                                                                                                                                                                                                                                                                                                                                                                                 1916
1872
1862
1919
1973
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                          70876
70934
71038
71597
                                                                                                                                                                                                                                                                                                                                                       5708
5777
5816
5873
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                                                   0
0
0
0
0
0
                                                                                                    0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                 0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                     8
9
10
                                             Pu241:
                                                                                                                                                                                                                                                                                                                          71461
                                                                                                                                                                                                                                                                                                                                                       5771
                                             Pu242:
                                                                                                                                                                                                                                                                                                                          71272
71715
                                                                                                                                                                                                                                                                                                                                                        5760
5744
                                                                                                                                                                                                                                                                                                                                                                                                                 1929
1915
                                       Pu242:
Pu date:
Am241:
Am date:
                                                                 00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                               19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                     0.0000
                                                                                                                                                                  0.0000
                                                                                                                                                                                                                                                                                               Passive cycle rate data
                                                                  1. 50
64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                                  Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                          Singles
1195.546
                                                                                                                                                                                                                                                                                                                                                               Doubles
5. 371
5. 488
5. 621
6. 855
7. 506
7. 589
6. 138
4. 420
4. 203
4. 637
                                                                                                                                                                                                                                                                                                                                                                                                                                           Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                               Cvcle
                                                                                                                                                                                                                                                                                                                          1193. 195
1187. 109
1181. 491
1182. 458
                                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                         1184. 192
1193. 512
1191. 244
1188. 093
1195. 479
                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                       6
7
                                                                           1.0000 +-
                                                                                                            0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                           0.000 +-
0.000 +-
                                                                                                               (1)
                                                                                                                                                                                                                                                                                                                                                                                                               (2)
```

	201910_AFAS-B Collar_Position10.txt	201910_AFAS-B Collar_Position10.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:		Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:	19. 10. 08 13:16:01 9A8N1601. VER	No known alpha calibration Results
Item id: Stratum id: Stratum id: Material type: Original declared mass: Measurement option: Data source: OC tests:	XXXX Pu 0.000 Verification Review disk file	Singles: 1168.371 ← 1.654 Doubles: 6.268 ← 0.395 Triples: 0.000 ← 0.000 Scaler 1: 35.153 ← 0.208 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method: Inspector name:		Passive cycle raw data Cycle Singles R+A A Scaler1 Scaler2 QC Tests
Passive comment: Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241	CO 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 +- 0.0000	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 70207 5657 5311 208 0 Pass 2 69766 5645 5194 2126 0 Pass 3 69549 5459 5113 2098 0 Pass 4 70149 5652 5342 2087 0 Pass 5 70210 5586 5160 2059 0 Pass 6 70032 5499 5205 2180 0 Pass 7 69761 5570 5251 2112 0 Pass 8 70507 5745 5208 2095 0 Pass 9 70232 5625 5261 2171 0 Pass 10 70478 5636 5271 2079 0 Pass
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient G deadtime: Doubles gate fraction: Triples gate fraction: Normalization constant:	1.50 64.00 64.00 1720 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.0001 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 1170.336 5.771 0.000 0.000 Pass 2 1162.984 7.522 0.000 0.000 Pass 3 1159.366 5.771 0.000 0.000 Pass 4 1169.369 5.171 0.000 0.000 Pass 5 1170.386 7.105 0.000 0.000 Pass 6 1167.419 4.904 0.000 0.000 Pass 7 1162.900 5.321 0.000 0.000 Pass 8 1175.338 8.957 0.000 0.000 Pass 9 1170.753 6.071 0.000 0.000 Pass 10 1174.855 6.088 0.000 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000	

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                       Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                      0.000
    Facility: PFPF
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                          Number passive cycles:
                                                                                                                                                                                                                                                                                     Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                     Passive error messages
                                                           19. 10. 08 09:07:56
9A8J0756. VER
                                                                                                                                                                                                                                                                     No known alpha calibration
             Results
                                                           BT1 201910
                                                                                                                                                                                                                                                                                                                              Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                     1390, 552 +-
                                                           XXXX
                                                                                                                                                                                                                                                                                                                                                                                                         1.624
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                     7. 457 +-
0. 000 +-
2681. 808 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                         0. 394
0. 000
1. 797
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                     Passive cycle raw data
                                                                                                                                                                                                                                                                                       Singles
83007
                                                                                                                                                                                                                                                                                                                      R+A
7673
7729
7947
                                                                                                                                                                                                                                                                                                                                                                     Scaler1
160706
161369
160540
                                                                                                                                                                                                                                                                                                                                                                                              Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                                  A
7312
                                                                                                                                                                                                                                                                                             82998
83227
                                                                                                                                                                                                                                                                                                                                                  7362
7452
                        Isotopics id: Default
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                        7914
7928
7797
7836
                                                                                                                                                                                                                                                                                                                                                                       160902
160395
161188
161178
                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                             83330
                                                                                                                                                                                                                                                                                                                                                  7421
7413
7460
7397
7503
7308
7473
                                                                                                                                                                                                                                                                                                                                                                                                           0
0
0
0
0
0
                                                                                           0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                   0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                  0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                            83656
83518
83595
                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
                                         Pu241:
                                                                                                                                                                                                                                                                            8
                                                                                                                                                                                                                                                                                             83996
                                                                                                                                                                                                                                                                                                                        7935
                                                                                                                                                                                                                                                                                                                                                                        161328
                                         Pu242:
                                                                                                                                                                                                                                                                                             83399
                                                                                                                                                                                                                                                                                                                        7876
7940
                                                                                                                                                                                                                                                                                                                                                                        160669
                                   Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                   19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                          10
                                                                                                                                                                                                                                                                                             83605
                                                                                                                                                                                                                                                                                                                                                                        160810
                                                                                            0.0000
                                                                                                                                                   0.0000
                                                                                                                                                                                                                                                                     Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                              Doubles
6. 017
6. 117
8. 250
8. 217
8. 583
                                                                                                                                                                                                                                                                                             Singles
1383, 450
                                                                 1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                Triples
                                                                                                                                                                                                                                                                                                                                                                                                    Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                     Cvcle
                                                                                                                                                                                                                                                                                                                                                                    0.000
0.000
0.000
0.000
0.000
                                                             64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                             1383. 300
1387. 117
1388. 833
1394. 267
                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                   5. 617
7. 317
7. 200
9. 467
7. 783
                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                            6
7
                                                                                                                                                                                                                                                                                             1391. 967
1393. 250
                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
                                                                                                                                                                                                                                                                                             1399, 933
1389, 983
1393, 417
                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                    1.0000 +-
 Normalization constant:
                                                                                                  0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                    0.000 +-
0.000 +-
                                                                                                     (1)
                                                                                                                                                                                                                                                                                                                                                                          (2)
```

	201910 AFAS-B Top Fork Position2 txt		201910 AFA	S-B Top Fork Positi	on2. txt
INCC 5. 1. 2		Passive triples b Passive scaler1 b	kgrnd: 0.000	- 0.000	
Facility: Material balance area:		Passive scaler2 b	okgrnd: 0.000		
Detector type:	JSR_01	Number passive o			
Detector id: Electronics id:	JSR_01 JSR-12	Count time	(sec): 60		
Inventory change code: I/O code:		Passive error mess	ages		
Measurement date: Results file name:	19.10.08 09:25:00 9A8J2500, VER	No known alpha cal	ibration		
Inspection number:		Results			
Item id: Stratum id:	BT2 201910 XXXX		Singles:	3701.113 +-	2. 456
Material type: Original declared mass:			Doubles: Triples:	56. 528 +- 0. 000 +-	1. 974 0. 000
Measurement option:	Verification		Scaler 1:	659.330 +	1. 531
Data source: QC tests:	Review disk file On		Scaler 2:	0.000 +-	0. 000
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw	data		
Inspector name:	model of	Cycle Singles	R+A A		er2 QC Tests 0 Pass
Passive comment:		1 222591 2 222405	56606 53032 56357 52848	39188 39407	0 Pass
Isotopics id: Isotopics source code:	Default CO	3 221673 4 222611	55435 52727 56179 52687	39695 39148	0 Pass 0 Pass
Pu238:	0.0000 +- 0.0000 0.0000 +- 0.0000	5 221628	55455 52712	40100	0 Pass
Pu239: Pu240:	0.0000 +- 0.0000	6 222227 7 221531	56390 52658 55740 52154	39484 39818	0 Pass 0 Pass
Pu241: Pu242:	0.0000 +- 0.0000	8 222168 9 222443	55998 52335 55845 52592	39750 39542	0 Pass 0 Pass
Pu date:	00. 01. 01 19. 10. 08	10 221391	55989 52332	39466	0 Pass
Am241: Am date:	0.0000 + 0.0000	Passive cycle rate	data		
Predelay:	1. 50	Cycle Singles	Doubles	Triples	Mass QC Tests
Gate length: 2nd gate length:	64. 00 64. 00	1 3709.850 2 3706.750), 000 Pass), 000 Pass
High voltage:	1720	3 3694. 550	45. 133	0.000	0. 000 Pass
Die away time: Efficiency:	50. 0000 0. 0080	4 3710.183 5 3693.800). 000 Pass). 000 Pass
Multiplicity deadtime: Coefficient A deadtime:	0. 0000 0. 0000	6 3703. 783 7 3692. 183			0. 000 Pass 0. 000 Pass
Coefficient B deadtime:	0.0000	8 3702.800	61. 050	0.000). 000 Pass
Coefficient C deadtime: Doubles gate fraction:	0. 0000 0. 0001	9 3707. 383 10 3689. 850), 000 Pass), 000 Pass
Triples gate fraction:	0. 0001				
Normalization constant:	1. 0000 ÷- 0. 0000				
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000				

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                            0.000
    Facility: PFPF
Material balance area: JM2G
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                            Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                              Number passive cycles:
                                                                                                                                                                                                                                                                                          Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                          Passive error messages
                                                            19. 10. 08 09:43:05
9A8J4305. VER
                                                                                                                                                                                                                                                                          No known alpha calibration
             Results
                                                            BT3 201910
                                                                                                                                                                                                                                                                                                                                    Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                         51127, 998 +-
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                                               17, 646
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                         10748. 440 +-
0. 000 +-
164. 140 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                              31. 821
0. 000
0. 451
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                          Passive cycle raw data
                                                                                                                                                                                                                                                                                            Singles
3063609
                                                                                                                                                                                                                                                                                                                     R+A
10645238
10677164
10720468
                                                                                                                                                                                                                                                                                                                                                                            Scaler 1
9937
9983
9776
                                                                                                                                                                                                                                                                                                                                                                                                     Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                          Cycle
                                                                                                                                                                                                                                                                                                                                               10036053
10068345
                                                                                                                                                                                                                                                                                            3066910
3073053
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                  9920
9858
9870
9854
9807
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                            3066064
3068661
3068708
3067311
                                                                                                                                                                                                                                                                                                                     10679114
10689659
10690991
10677717
                                                                                                                                                                                                                                                                                                                                              10031564
10044437
10038496
10033947
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                   0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                     0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                            3061877
3071454
3069152
                                                                                                                                                                                                                                                                                                                                              9990072
10066341
10049027
                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
                                          Pu241:
                                                                                                                                                                                                                                                                                                                     10639363
                                          Pu242:
                                                                                                                                                                                                                                                                                                                     10705084
10694624
                                                                                                                                                                                                                                                                                                                                                                                   9781
                                   Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                     19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                               10
                                                                                                                                                                                                                                                                                                                                                                                   9698
                                                                                             0.0000
                                                                                                                                                      0.0000
                                                                                                                                                                                                                                                                          Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                     Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                              Singles
51060, 150
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                          Cvcle
                                                                                                                                                                                                                                                                                                                                 Doubles
10552. 700
                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
0.000 Pass
                                                               64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                               51115. 167
51217. 550
51101. 067
51144. 350
                                                                                                                                                                                                                                                                                                                                 10685. 183
10868. 717
10792. 500
10753. 700
                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                 6
7
                                                                                                                                                                                                                                                                                               51145. 133
51121. 850
                                                                                                                                                                                                                                                                                                                                  10874, 917
                                                                                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                                                                                  10729. 500
                                                                                                                                                                                                                                                                                               51121. 830
51031. 283
51190. 900
51152. 533
                                                                                                                                                                                                                                                                                                                                 10729. 500
10821. 517
10645. 717
10759. 950
                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
 Normalization constant:
                                                                                                    0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                      (1)
                                                                                                                                                                                                                                                                                                                                                                                 (2)
```

	201910_AFAS-B Top Fork_Position4.txt	201910_AFAS-B Top Fork_Position4.txt
INCC 5.1.2	PFPF	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JM2G JSR_01 JSR_01	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name: Inspection number:	19.10.08 09:59:09 9A8J5909. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: OC tests:	BT4 201910 XXXX Pu 0.000 Verification Review disk file On	Singles: 6629.125 + 3.082 Doubles: 185.863 + 4.582 Triples: 0.000 + 0.000 Scaler 1: 56.212 + 0.273 Scaler 2: 0.000 + 0.000
Error calculation: Accidentals method: Inspector name: Passive comment:	Sample method Measured	Passive cycle raw data Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 397636 178969 168158 3297 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241:	Default CO 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 0.0000 100.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 0.0000 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 0.0000 0.01.01 19.10.08 0.0000 ← 0.0000 0.0000 0.0000	2 396793 179636 168445 3428 0 Pass 38829 181183 169051 3314 0 Pass 4 397782 179351 168136 3329 0 Pass 5 397002 179552 167597 3422 0 Pass 6 397478 178940 169546 3412 0 Pass 7 397724 178948 168635 3434 0 Pass 8 398194 180750 169059 3372 0 Pass 9 397953 179745 169032 3366 0 Pass 10 398084 181309 169236 3444 0 Pass
Am date:	00. 01. 01 19. 10. 08	Passive cycle rate data
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.0080 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 6627.267 180.183 0.000 0.000 Pass 2 6613.217 186.517 0.000 0.000 Pass 3 6647.150 202.200 0.000 0.000 Pass 4 6629.700 186.917 0.000 0.000 Pass 5 6616.700 199.250 0.000 0.000 Pass 6 6624.633 156.567 0.000 0.000 Pass 7 6628.133 172.383 0.000 0.000 Pass 8 6636.567 194.850 0.000 0.000 Pass 9 6632.550 178.550 0.000 0.000 Pass 10 6634.733 201.217 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 ← 0.0000 0.000 ← 0.000	
Passive doubles bkgrnd:	0.000 + 0.000	

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                     Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                          0.000
   Facility: PFPF
Material balance area: JM26
Detector type: JSR_01
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                      Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                                        Number passive cycles:
                                                                                                                                                                                                                                                                                                    Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                   Passive error messages
                                                              19. 10. 08 10:15:14
9A8K1514. VER
                                                                                                                                                                                                                                                                                   No known alpha calibration
             Results
                                                              BT5 201910
                                                                                                                                                                                                                                                                                                                                                Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                        2748, 138 +-
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                               1.326
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                            30. 390 +-
0. 000 +-
49. 183 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                               1. 210
0. 000
0. 306
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                   Passive cycle raw data
                                                                                                                                                                                                                                                                                                      Singles
164815
164865
165394
                                                                                                                                                                                                                                                                                                                                      R+A
30794
30916
30880
                                                                                                                                                                                                                                                                                                                                                                                        Scaler 1
3008
2915
2891
                                                                                                                                                                                                                                                                                                                                                                                                                  Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                    Cycle
                                                                                                                                                                                                                                                                                                                                                                  28819
29216
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                         165121
164797
164883
164451
164976
                                                                                                                                                                                                                                                                                                                                                                 29516
29516
29066
29124
28707
28957
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                      31059
30762
30688
30849
                                                                                                                                                                                                                                                                                                                                                                                              2994
2925
2911
2943
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                                 0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                          0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                               3079
2921
2923
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                       31017
                                           Pu241:
                                           Pu242:
                                                                                                                                                                                                                                                                                                         164908
164673
                                                                                                                                                                                                                                                                                                                                       30760
30588
                                                                                                                                                                                                                                                                                                                                                                  29085
28795
                                    Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                         19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                                         10
                                                                                                 0.0000
                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                   Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                  Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                           Singles
2746.917
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                                                               Doubles
33, 333
34, 950
27, 733
25, 717
28, 267
26, 067
35, 700
34, 333
27, 917
29, 883
                                                                                                                                                                                                                                                                                                                                                                                                                         Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                   Cvcle
                                                                 64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                            2747. 750
2756. 567
2752. 017
2746. 617
                                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                          6
7
                                                                                                                                                                                                                                                                                                            2748. 050
2740. 850
                                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
                                                                                                                                                                                                                                                                                                           2749. 600
2748. 467
2744. 550
                                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
                                                                        1.0000 +-
                                                                                                        0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                              (2)
```

	201910_AFAS-B Top Fork_Position6.txt		201910_AFA	S-B Top Fork_Position6.txt
INCC 5.1.2 Facility:		Passive triples bk Passive scaler1 bk Passive scaler2 bk	grnd: 0.000	- 0.000
Material balance area: Detector type: Detector id: Electronics id:	JSR_01 JSR_01	Number passive cy Count time (
Inventory change code: I/O code:		Passive error messa	_	
Measurement date: Results file name: Inspection number:	19.10.08 10:31:18 9A8K3118. VER	No known alpha cali Results	bration	
Inspection number: Item id: Stratum id: Material type Original declared mass: Measurement option: Data source: QC tests:	Pu	Nesuits	Singles: Doubles: Triples: Scaler 1: Scaler 2:	872.040 +- 0.561 2.498 +- 0.388 0.000 +- 0.000 70.203 +- 0.427 0.000 +- 0.000
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw d	ata	
Inspector name: Passive comment:		Cycle Singles 1 52370 2 52173	R+A A 3089 2944 3131 2881	Scaler1 Scaler2 QC Tests 4235 0 Pass 4088 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241:	Default CO 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 100.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 0.001 ← 0.0000 ← 0.0000 0.0000 0.000 ← 0.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000	2 52173 3 52490 4 52307 5 52214 6 52330 7 52407 8 52373 9 52171 10 52389	3108 2947 3022 2877 3067 3069 3078 2913 3160 2940 3108 2888 3078 2982 3024 2925	4225 0 Pass 4246 0 Pass 4345 0 Pass 4321 0 Pass 4193 0 Pass 4124 0 Pass
Am date:		Passive cycle rate	data	
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.0080 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0001	Cycle Singles 1 872.833 2 869.550 3 874.833 4 871.783 5 870.233 6 872.167 7 873.450 8 872.883 9 869.517 10 873.150	Doubles 2. 417 4. 167 2. 683 2. 417 -0. 033 2. 750 3. 667 3. 667 1. 600 1. 650	Triples Mass QC Tests 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd: Passive doubles bkgrnd:	1.0000 ← 0.0000 0.000 ← 0.000 0.000 ← 0.000			

```
201910_AFAS-B Top Fork_Position7.txt
                                                                                                                                                                                                                                                                                                                                              0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                           0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                           PFPF
JM2G
JSR_01
JSR_01
                                                                                                                                                                                                                                                                           Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                             Number passive cycles:
                                                                                                                                                                                                                                                                                         Count time (sec)
                                                           JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                        Passive error messages
                                                           19. 10. 08 10:47:22
9A8K4722. VER
                                                                                                                                                                                                                                                                        No known alpha calibration
             Results
                                                           BT7 201910
                                                                                                                                                                                                                                                                                                                                  Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                          1068, 272 +-
                                                           XXXX
                                                                                                                                                                                                                                                                                                                                                                                                              1, 252
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                           4. 087 +-
0. 000 +-
113. 785 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                              0. 532
0. 000
0. 464
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                        Passive cycle raw data
                                                                                                                                                                                                                                                                                                                          R+A
4636
4550
4493
                                                                                                                                                                                                                                                                                                                                                                         Scaler1
6918
6809
6676
                                                                                                                                                                                                                                                                                                                                                                                                  Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                         Cycle
                                                                                                                                                                                                                                                                                                                                                     A
4412
4306
4379
                                                                                                                                                                                                                                                                                                63670
63875
                         Isotopics id: Default
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                64277
64113
63988
64382
64041
64065
                                                                                                                                                                                                                                                                                                                           4530
4658
4615
4826
4652
                                                                                                                                                                                                                                                                                                                                                      4423
4435
4312
4364
4417
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                6959
6792
6741
6825
                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                0
0
0
0
0
0
                                                                                            0.0000
0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                    0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
                                         Pu241:
                                                                                                                                                                                                                                                                               8
                                                                                                                                                                                                                                                                                                                                                                                6929
                                         Pu242:
                                                                                                                                                                                                                                                                                                                            4600
4656
                                                                                                                                                                                                                                                                                                                                                       4292
4424
                                                                                                                                                                                                                                                                                                                                                                                6786
                                    Pu242:
Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                    19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                             10
                                                                                                                                                                                                                                                                                                64073
                                                                                                                                                                                                                                                                                                                                                                                6836
                                                                                             0.0000
                                                                                                                                                     0.0000
                                                                                                                                                                                                                                                                        Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                   Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                Singles
1074, 650
                                                                  1.50
64.00
                                                                                                                                                                                                                                                                                                                                  Doubles
3. 733
4. 067
1. 900
1. 783
3. 717
5. 050
7. 700
3. 917
5. 133
3. 867
                                                                                                                                                                                                                                                                                                                                                                                                         Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                        Cvcle
                                                              64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                1061. 167
1064. 583
1071. 283
1068. 550
                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                               6
                                                                                                                                                                                                                                                                                                1066. 467
1073. 033
                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
                                                                                                                                                                                                                                                                                                1067. 350
1067. 750
1067. 883
                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
                                                                     1.0000 +-
                                                                                                    0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     0.000 +-
0.000 +-
                                                                                                      (1)
                                                                                                                                                                                                                                                                                                                                                                               (2)
```

	201910_AFAS-B Top Fork_Position8.txt	201910_AFAS-B Top Fork_Position8.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JSR_01 JSR_01	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name:	19. 10. 08 11:04:27 9A8L0427. VER	No known alpha calibration
Inspection number: Item id:		Results
Stratum id: Material type: Original declared mass: Measurement option:	Pu 0.000 Verification	Singles: 618.720 ← 1.095 Doubles: 1.777 ← 0.322 Triples: 0.000 ← 0.000 Scaler 1: 45.593 ← 0.299
Data source: QC tests: Error calculation:	On .	$ Scaler \ 2: \qquad \qquad 0.\ 000 \ \leftarrow \qquad 0.\ 000 $ Passive cycle raw data
Accidentals method: Inspector name: Passive comment:	Measured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 36889 1516 1413 2679 0 Pass 2 36770 1518 1453 2704 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3 37341 1518 1511 2795 0 Pass 4 37220 1578 1494 2783 0 Pass 5 36921 1554 1482 2706 0 Pass 6 37334 1641 1442 2721 0 Pass 7 37277 1606 1493 2792 0 Pass 8 37077 1578 1396 2675 0 Pass 9 37322 16638 1465 2823 0 Pass 10 37081 1547 1479 2678 0 Pass
Am241: Am date:	0.0000 \(\phi\) 0.0000 \(\phi\) 0.0000 \(\phi\) 0.0000 \(\phi\) 0.0000 \(\phi\) 0.0000 \(\phi\) 0.0000	Passive cycle rate data
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient Geadtime: Coefficient Greatime: Coefficient Geadtime: Triples gate fraction: Triples gate fraction: Normalization constant:	1.50 64.00 64.00 1720 50.0000 0.0080 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 1.0000 ← 0.0000	Cycle Singles Doubles Triples Mass QC Tests 1 614.817 1.717 0.000 0.000 Pass 2 612.833 1.083 0.000 0.000 Pass 3 622.350 0.117 0.000 0.000 Pass 4 620.333 1.400 0.000 0.000 Pass 5 615.350 1.200 0.000 0.000 Pass 6 622.233 3.317 0.000 0.000 Pass 7 621.283 1.883 0.000 0.000 Pass 8 617.950 3.033 0.000 0.000 Pass 9 622.033 2.883 0.000 0.000 Pass 10 618.017 1.133 0.000 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000	

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                    Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                        0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                             PFPF
JM2G
JSR_01
JSR_01
                                                                                                                                                                                                                                                                                    Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                                      Number passive cycles:
                                                                                                                                                                                                                                                                                                   Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                 Passive error messages
                                                             19. 10. 08 11:26:32
9A8L2632. VER
                                                                                                                                                                                                                                                                                 No known alpha calibration
             Results
                                                             BT9 201910
                                                                                                                                                                                                                                                                                                                                              Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                      1189.005 +-
                                                                                                                                                                                                                                                                                                                                                                                                                             1.679
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                           5. 778 +-
0. 000 +-
31. 873 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                             0. 386
0. 000
0. 189
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                                 Passive cycle raw data
                                                                                                                                                                                                                                                                                                    Singles
71719
71578
71213
                                                                                                                                                                                                                                                                                                                                     R+A
5827
5805
5663
                                                                                                                                                                                                                                                                                                                                                                                      Scaler 1
1925
1946
1867
                                                                                                                                                                                                                                                                                                                                                                                                                Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                  Cycle
                                                                                                                                                                                                                                                                                                                                                                 A
5505
5476
5326
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                 5297
5327
5361
5505
5506
5508
5466
                                                                                                                                                                                                                                                                                                                                                                                              1916
1872
1862
1919
1973
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                           70876
70934
71038
71597
                                                                                                                                                                                                                                                                                                                                       5708
5777
5816
5873
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                               0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                         0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
                                           Pu241:
                                                                                                                                                                                                                                                                                         8
                                                                                                                                                                                                                                                                                                           71461
                                                                                                                                                                                                                                                                                                                                       5771
                                           Pu242:
                                                                                                                                                                                                                                                                                                           71272
71715
                                                                                                                                                                                                                                                                                                                                       5760
5744
                                                                                                                                                                                                                                                                                                                                                                                              1929
1915
                                     Pu242:
Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                         19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                                       10
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                 Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                           Singles
1195.317
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                                                              Doubles
5. 367
5. 483
5. 617
6. 850
7. 500
7. 583
6. 133
4. 417
4. 200
4. 633
                                                                                                                                                                                                                                                                                                                                                                                                                       Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                 Cvcle
                                                                64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                           1192. 967
1186. 883
1181. 267
1182. 233
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                         6
7
                                                                                                                                                                                                                                                                                                           1183, 967
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
                                                                                                                                                                                                                                                                                                           1193 283
                                                                                                                                                                                                                                                                                                           1191. 017
1187. 867
1195. 250
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                        1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                            (2)
```

	201910_AFAS-B To	op Fork_	Position10.tx	t				20	1910_AFAS-	B Top Fork_F	osition10.txt	
INCC 5.1.2 Facility:	PFPF					Passiv	e triples bk e scaler1 bk e scaler2 bk	grnd:	0.000 +- 0.000 0.000	0.000		
Material balance area: Detector type: Detector id: Electronics id:	JM2G JSR_01 JSR_01 JSR-12					Numbe	r passive cy Count time (10 60			
Inventory change code: I/O code:	00K 12					Passive	error messa	ges				
Measurement date: Results file name: Inspection number:	19. 10. 08 13:16: 9A8N1601. VER	01				No know	m alpha cali	bration				
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	BT10 201910 XXXX Pu 0.000 Verification Review disk file On	•						Dou Tri Scal	gles: bles: ples: er 1: er 2:	1168. 152 6. 263 0. 000 35. 153 0. 000	← 0.395 ← 0.000 ← 0.208	
Error calculation: Accidentals method: Inspector name: Passive comment:	Sample method Measured					Passive Cycle	cycle raw d Singles 70207	R+A 5657	A 5311	Scaler1 2085	Scaler2 QC Te 0 Pass	ests
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	0.0000 +- 0.1 100.0000 +- 0.1 0.0000 +- 0.1 0.0000 +- 0.1 00.01.01 0.0000 +- 0.1	0000 0000 0000 0000 0000	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.10.08 0.0000 +-	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000		2 3 4 5 6 7 8 9	69766 69549 70149 70210 70032 69761 70507 70232 70478	5645 5459 5652 5586 5499 5570 5745 5625 5636	5194 5113 5342 5160 5205 5251 5208 5261 5271	2126 2098 2087 2059 2180 2112 2095 2171 2079	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass	
Am date: Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Toubles gate fraction: Triples gate fraction:	00. 01. 01 1. 50 64. 00 64. 00 1720 50. 0000 0. 0080 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000		19. 10. 08			Cycle 1 2 3 4 5 6 7 8 9	Singles 170. 117 1162. 767 1159. 150 1169. 150 1170. 167 1167. 200 1162. 683 1175. 117 1170. 533 1174. 633	Doub 5. 7. 5. 5. 7. 4. 5. 8.	les 767 517 767 167 100 900 317 950 067 083	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC T 0.000 Pass	5 5 5 5 5 5 5 5
Normalization constant: Passive singles bkgrnd:	1.0000 +- 0.000 +-	0. 0000 0. 000										
Passive doubles bkgrnd:	0.000 +-	0.000										

201910_AFAS-P Bottom Fork_Position1.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                        Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                               0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                              0.000
   Facility: PFPF
Material balance area: JM26
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                         Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                                           Number passive cycles:
                                                                                                                                                                                                                                                                                                       Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                      Passive error messages
                                                              19. 10. 08 09:07:37
9A8J0737. VER
                                                                                                                                                                                                                                                                                      No known alpha calibration
             Results
                                                              PB1 201910
                                                                                                                                                                                                                                                                                                                                                   Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                            1114,578 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                   0.791
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                4. 128 +-
0. 000 +-
54. 208 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                   0. 440
0. 000
0. 272
0. 000
                                                              Sample method
Measured
                                                                                                                                                                                                                                                                                      Passive cycle raw data
                                                                                                                                                                                                                                                                                                         Singles
66792
66890
66992
                                                                                                                                                                                                                                                                                                                                          R+A
4960
5078
5158
                                                                                                                                                                                                                                                                                                                                                                                            Scaler 1
3278
3368
3226
                                                                                                                                                                                                                                                                                                                                                                                                                       Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                      Cycle
                                                                                                                                                                                                                                                                                                                                                                       A
4688
4769
4908
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                            5036
5111
5070
5061
4984
4958
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                        4821
4953
4622
4819
                                                                                                                                                                                                                                                                                                                                                                                                  3262
3244
3183
3202
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                               66951
                                                                                                                                                                                                                                                                                                                                                                                                                                     0
0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                               67150
66774
66813
                                                                                                                                                                                                                                                                                                                                                                        4808
4757
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                   3252
                                           Pu241:
                                                                                                                                                                                                                                                                                             8
                                                                                                                                                                                                                                                                                                               66876
                                           Pu242:
                                                                                                                                                                                                                                                                                                               66924
                                                                                                                                                                                                                                                                                                                                                                                                   3284
3226
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                          19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                                            10
                                                                                                                                                                                                                                                                                                               66585
                                                                                                  0.0000
                                                                                                                                                             0.0000
                                                                                                                                                                                                                                                                                      Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                      Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                               Singles
1113, 200
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                                                  Doubles
4, 533
5, 150
4, 167
3, 583
2, 633
7, 467
4, 033
2, 933
3, 350
3, 433
                                                                                                                                                                                                                                                                                      Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                              Mass QC Tests
0.000 Pass
                                                                 64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                               1113, 200
1114, 833
1116, 533
1115, 850
1119, 167
1112, 900
1113, 550
                                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                             6
                                                                                                                                                                                                                                                                                                               1114. 600
1115. 400
1109. 750
                                                                         1.0000 +-
 Normalization constant:
                                                                                                         0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.000 +-
0.000 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                  (2)
```

	201910_AFAS-P Bottom Fork_Position2.txt	201910_AFAS-P Bottom Fork_Position2.txt
INCC 5. 1. 2		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000
Facility: Material balance area: Detector type: Detector id:	JM2G JSR_03	Passive scaler2 bkgrnd: 0.000 Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name: Inspection number:	9A8J2541. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	PB2 201910 XXXX Pu 0.000 Verification Review disk file	Singles: 1370.088 ← 1.923 Doubles: 6.650 ← 0.732 Triples: 0.000 ← 0.000 Scaler 1: 46.877 ← 0.304 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	Sample method	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 82033 7493 7323 2769 0 Pass 2 82609 7691 7259 2691 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu241: Pu241: Pu242: Pu date: Am241: Am date:	CO	3 82409 7582 7078 2755 0 Pass 4 82063 7862 7207 2814 0 Pass 5 82836 77796 7286 2819 0 Pass 6 81684 7534 7147 2871 0 Pass 7 81812 7525 7264 2861 0 Pass 8 82176 7512 7170 2834 0 Pass 9 82459 7726 7305 2854 0 Pass 10 81972 7479 7171 2858 0 Pass
Predelay:	64. 00 64. 00 1720 50. 0000 0. 0127 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001 0. 0001	Cycle Singles Doubles Triples Mass QC Tests 1 1367.217 2.833 0.000 0.000 Pass 2 1376.817 7.200 0.000 0.000 0.000 3 1373.483 8.400 0.000 0.000 0.000 4 1367.717 10.917 0.000 0.000 Pass 5 1380.600 8.500 0.000 0.000 Pass 6 1361.400 6.450 0.000 0.000 Pass 7 1363.533 4.350 0.000 0.000 Pass 8 1369.600 5.700 0.000 0.000 Pass 9 1374.317 7.017 0.000 0.000 Pass 10 1366.200 5.133 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	0.000 +- 0.000	
Passive doubles bkgrnd:	0.000 ← 0.000 (1)	(2)

201910_AFAS-P Bottom Fork_Position3.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                      Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                             0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                           0.000
   Facility: PFPF
Material balance area: JM26
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                                                         Number passive cycles:
                                                                                                                                                                                                                                                                                                     Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                    Passive error messages
                                                              19. 10. 08 09:42:46
9A8J4246. VER
                                                                                                                                                                                                                                                                                    No known alpha calibration
             Results
                                                              PB3 201910
                                                                                                                                                                                                                                                                                                                                                 Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                            739, 452 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                1, 198
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                              1. 913 +-
0. 000 +-
59. 852 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                0. 514
0. 000
0. 273
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                    Passive cycle raw data
                                                                                                                                                                                                                                                                                                       Singles
44140
44768
44105
                                                                                                                                                                                                                                                                                                                                        R+A
2079
2240
2180
                                                                                                                                                                                                                                                                                                                                                                                          Scaler 1
3565
3553
3639
                                                                                                                                                                                                                                                                                                                                                                                                                    Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                                                     A
2151
2136
2045
2111
2068
2106
2143
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                          2190
2210
2232
2172
                                                                                                                                                                                                                                                                                                                                                                                                3551
3668
3552
3626
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                             44515
                                                                                                                                                                                                                                                                                                                                                                                                                                   0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                          0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                             44137
44183
44548
44463
44283
                                                                                                                                                                                                                                                                                                                                                                     2092
2053
2124
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                          2379
                                           Pu241:
                                                                                                                                                                                                                                                                                           8
                                                                                                                                                                                                                                                                                                                                                                                                 3659
                                           Pu242:
                                                                                                                                                                                                                                                                                                                                           2272
2223
                                                                                                                                                                                                                                                                                                                                                                                                 3524
3574
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                          19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                                          10
                                                                                                                                                                                                                                                                                                             44529
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                    Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                   Triples
0.000
0.000
0.000
0.000
0.000
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                               Singles
735.667
                                                                                                                                                                                                                                                                                    Cvcle
                                                                                                                                                                                                                                                                                                                                                  Doubles
                                                                                                                                                                                                                                                                                                                                                                                                                           Mass QC Tests
0.000 Pass
                                                                 64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                                                    -1. 200
1. 733
2. 250
1. 317
2. 367
2. 100
0. 483
4. 783
3. 650
1. 650
                                                                                                                                                                                                                                                                                                                746. 133
735. 083
741. 917
735. 617
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                           6
7
                                                                                                                                                                                                                                                                                                                736. 383
742. 467
                                                                                                                                                                                                                                                                                                               741. 050
738. 050
742. 150
                                                                        1.0000 +-
                                                                                                        0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                                (2)
```

201910_AFAS-P Bottom Fork_Position4.txt	201910_AFAS-P Bottom

	201910_AFAS-P Bottom Fork_Position4.txt	201910_AFAS-P Bottom Fork_Position4.txt
INCC 5.1.2	PEPE	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JM26 JSR_03 JSR_03	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name:	19. 10. 08	No known alpha calibration
Inspection number: Item id: Stratum id:	PB4 201910	Results Singles: 1562.313 ← 1.573
Material type: Original declared mass: Measurement option:	Pu 0.000 Verification	Doubles: 10.807 ← 0.990 Triples: 0.000 ← 0.000 Scaler 1: 258.273 ← 0.789
Data source: QC tests: Error calculation:	On Sample method	$ Scaler \ 2 : \qquad 0.000 \leftarrow 0.000 $ Passive cycle raw data
Accidentals method: Inspector name: Passive comment:	Measured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 93435 10016 9286 15596 O Pass 2 94313 10084 9475 15636 O Pass
Isotopics id: Isotopics source code: Pu238: Pu239:	0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000	3 93744 10038 9366 15604 0 Pass 4 93464 9897 9315 15612 0 Pass 5 93854 9950 9302 15490 0 Pass 6 94040 10282 9185 15230 0 Pass
Pu240: Pu241: Pu242: Pu date: Am241:	100.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.01.01 19.10.08 0.0000 +- 0.0000 0.0000 +- 0.0000	7 93917 9968 9431 15381 0 Pass 8 93628 9835 9485 15664 0 Pass 9 93358 9929 9276 15429 0 Pass 10 93635 10014 9408 15322 0 Pass
	00. 01. 01 19. 10. 08	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: Normalization constant:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0127 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 1. 0000 1. 0001 1. 0000 +- 0. 0000	Cycle Singles Doubles Triples Mass QC Tests 1 1557.250 12.167 0.000 0.000 9.85 2 1571.883 10.150 0.000 0.000 9.85 3 1562.400 11.200 0.000 0.000 Pass 4 1557.733 9.700 0.000 0.000 Pass 5 1564.233 10.800 0.000 0.000 Pass 6 1567.333 18.283 0.000 0.000 Pass 7 1565.283 8.950 0.000 0.000 Pass 8 1560.467 5.833 0.000 0.000 Pass 9 1555.967 10.883 0.000 0.000 Pass 10 1560.583 10.100 0.000 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000	
	51.555	

201910_AFAS-P Bottom Fork_Position5.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                   Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                         0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                       0.000
   Facility: PFPF
Material balance area: JM26
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                    Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                                      Number passive cycles:
                                                                                                                                                                                                                                                                                                  Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                 Passive error messages
                                                             19. 10. 08 10:14:54
9A8K1454. VER
                                                                                                                                                                                                                                                                                 No known alpha calibration
             Results
                                                             PB5 201910
                                                                                                                                                                                                                                                                                                                                             Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                      1393, 525 +-
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                            1.907
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                        7. 270 +-
0. 000 +-
139. 547 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 590
0. 000
0. 571
0. 000
                                                             Sample method
Measured
                                                                                                                                                                                                                                                                                 Passive cycle raw data
                                                                                                                                                                                                                                                                                                    Singles
83200
                                                                                                                                                                                                                                                                                                                                     R+A
7856
7812
7917
                                                                                                                                                                                                                                                                                                                                                                                      Scaler 1
8374
8328
8301
                                                                                                                                                                                                                                                                                                                                                                                                               Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                  Cycle
                                                                                                                                                                                                                                                                                                                                                                 A
7259
7526
7382
7423
7493
7349
7481
7662
7440
7413
                                                                                                                                                                                                                                                                                                          83880
83355
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                      7917
7837
7959
7900
7888
7912
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                           8354
8185
8456
8520
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                          83536
                                                                                                                                                                                                                                                                                                                                                                                                                              0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                         0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                         83817
83651
83433
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
                                           Pu241:
                                                                                                                                                                                                                                                                                        8
                                                                                                                                                                                                                                                                                                          84151
                                                                                                                                                                                                                                                                                                                                                                                            8329
                                           Pu242:
                                                                                                                                                                                                                                                                                                          84041
                                                                                                                                                                                                                                                                                                                                       7821
7888
                                                                                                                                                                                                                                                                                                                                                                                             8333
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                        19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                                       10
                                                                                                                                                                                                                                                                                                          83051
                                                                                                                                                                                                                                                                                                                                                                                             8548
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                 Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                               Triples
0.000
0.000
0.000
0.000
0.000
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                          Singles
1386, 667
                                                                                                                                                                                                                                                                                 Cvcle
                                                                                                                                                                                                                                                                                                                                             Doubles
                                                                                                                                                                                                                                                                                                                                                                                                                       Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                                                  9. 950
4. 767
8. 917
6. 900
7. 767
9. 183
6. 783
4. 167
6. 350
7. 917
                                                                                                                                                                                                                                                                                                          1398. 000
1389. 250
1392. 267
1396. 950
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                        6
                                                                                                                                                                                                                                                                                                          1394, 183
                                                                                                                                                                                                                                                                                                          1390. 550
1402. 517
1400. 683
1384. 183
                                                                       1.0000 +-
 Normalization constant:
                                                                                                       0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                           (2)
```

	001010 AFAC D Dath	Fauls Basitians				0010	10 4540 5	D. D. + + F	. D : t : C . t t
	201910_AFAS-P Bottom	FORK_POSITIONS.	Χt				_		_Position6.txt
INCC 5.1.2 Facility:	PFPF			Passi	ve triples bk ve scaler1 bk ve scaler2 bk	grnd:	0.000 +- 0.000 0.000	0.000	
Material balance area: Detector type:	JM2G JSR_03				er passive cy	-	9		
Detector id: Electronics id:	JSR_03 JSR-12			Hallio	Count time (60		
Inventory change code: I/O code:	03N-12			Passiv	e error messa	ges			
Measurement date: Results file name:	19. 10. 08 10:30:58 9A8K3058, VER			No kno	wn alpha cali	bration			
Inspection number: Item id:	PB6 201910			Result	s				
Stratum id: Material type:	XXXX Pu						gles: oles:	1884. 806 14. 911	
Original declared mass: Measurement option:	0.000 Verification					Trip Scale	oles: er 1:	0. 000 69. 672	
Data source: QC tests:	Review disk file On						er 2:	0. 000	+- 0.000
Error calculation: Accidentals method:	Sample method Measured				e cycle raw d				
Inspector name: Passive comment:				Cycle 1	Singles 112847	R+A 14297	A 13952	Scaler1 4188	Scaler2 QC Tests 0 Pass
Isotopics id:	Default			2 3	112993 112973	14552 14685	13767 13423	4153 4164	0 Pass 0 Pass
Isotopics source code: Pu238: Pu239:	0.0000 +- 0.0000 0.0000 +- 0.0000	0.0000 +- 0.0000 +-	0. 0000 0. 0000	4 5 6	113922 113089 113315	14688 14587 14278	13880 13345 13538	4126 4107 4312	0 Pass 0 Pass 0 Pass
Pu240: Pu241:	100.0000 +- 0.0000 0.0000 +- 0.0000	100.0000 +- 0.0000 +-	0. 0000 0. 0000 0. 0000	7 8	113087 112462	14404 14456	13629 13455	4132 4173	0 Pass 0 Pass
Pu242: Pu date:	0.0000 + 0.0000 00.01.01	0.0000 +- 19.10.08	0.0000	9	113107	14553	13459	4268	0 Pass
Am241: Am date:	0.0000 +- 0.0000 00.01.01	0.0000 +- 19.10.08	0.0000	Passiv	e cycle rate	data			
Predelay:	1.50			Cycle 1	Singles 1880. 783	Doub 5. 7	750	Triples 0.000	Mass QC Tests 0.000 Pass
Gate length: 2nd gate length:	64. 00 64. 00			2 3	1883. 217 1882. 883	13. (21. (033	0. 000 0. 000	0. 000 Pass 0. 000 Pass
High voltage: Die away time:	1720 50. 0000			4 5	1898. 700 1884. 817	13. 4 20. 1	700	0. 000 0. 000	0. 000 Pass 0. 000 Pass
Efficiency: Multiplicity deadtime:	0. 0127 0. 0000			6 7	1888. 583 1884. 783	12. 3 12. 9	917	0. 000 0. 000	0.000 Pass 0.000 Pass
Coefficient A deadtime: Coefficient B deadtime:	0. 0000 0. 0000			8	1874. 367 1885. 117	16. 6 18. 2		0. 000 0. 000	0. 000 Pass 0. 000 Pass
Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0. 0000 0. 0001 0. 0001								
Normalization constant:	1.0000 +- 0.00	000							
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.00 0.000 +- 0.00								
. addito doubled braille.	(1)							(2)	

201910_AFAS-P Bottom Fork_Position7.txt

 ${\bf Normalization\ constant:}$

Passive singles bkgrnd: Passive doubles bkgrnd: 1.0000 +-

0.000 +-0.000 +- 0.0000

0. 000 0. 000 (1)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                      Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                         0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                     0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                          PFPF
JM2G
JSR_03
JSR_03
                                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd
                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                         Number passive cycles:
                                                                                                                                                                                                                                                                                    Count time (sec)
                                                          JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                    Passive error messages
                                                          19. 10. 08 10:47:02
9A8K4702. VER
                                                                                                                                                                                                                                                                    No known alpha calibration
                                                                                                                                                                                                                                                                     Results
             Inspection number
                                                          PB7 201910
                          Item id:
Stratum id:
                                                                                                                                                                                                                                                                                                                             Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                    4822, 887 +-
                                                          XXXX
                                                                                                                                                                                                                                                                                                                                                                                                        2.805
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                     97. 103 +-
0. 000 +-
110. 422 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                        2. 157
0. 000
0. 474
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          On
Sample method
Measured
                                                                                                                                                                                                                                                                    Passive cycle raw data
                                                                                                                                                                                                                                                                                      Singles
289523
289451
289031
                                                                                                                                                                                                                                                                                                                                                                    Scaler 1
6489
6523
6654
                                                                                                                                                                                                                                                                                                                                                                                            Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                    R+A
95211
95214
94824
                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                               89602
88794
                        Isotopics id: Default
                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                    95635
95410
95241
94782
                                                                                                                                                                                                                                                                                                                                              89652
89266
88972
89760
                                                                                                                                                                                                                                                                                                                                                                          6724
6638
6746
6627
                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                         290242
                                                                                                                                                                                                                                                                                                                                                                                                          0
0
0
0
0
0
                                                                                           0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                   0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                   0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                         289844
289386
288653
                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
                                         Pu241:
                                                                                                                                                                                                                                                                                         288729
                                                                                                                                                                                                                                                                                                                     94414
                                                                                                                                                                                                                                                                                                                                               88162
89725
                                                                                                                                                                                                                                                                                                                                                                           6528
                                         Pu242:
                                                                                                                                                                                                                                                                                        289929
288944
                                                                                                                                                                                                                                                                                                                     95208
94487
                                                                                                                                                                                                                                                                                                                                                                           6718
                                   Pu date:
Am241:
Am date:
                                                          00. 01. 01
0. 0000
00. 01. 01
                                                                                                                   19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                         10
                                                                                                                                                                                                                                                                                                                                                                           6606
                                                                                           0.0000
                                                                                                                                                   0.0000
                                                                                                                                                                                                                                                                    Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                             Doubles
91. 233
93. 533
100. 500
99. 717
102. 400
                                                                                                                                                                                                                                                                                                                                                              Triples
0.000
0.000
0.000
0.000
0.000
                                                                 1.50
64.00
                                                                                                                                                                                                                                                                                            Singles
4825.383
                                                                                                                                                                                                                                                                    Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                   Mass QC Tests
0.000 Pass
                                                             64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                            4824. 183
4817. 183
4837. 367
4830. 733
                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                           6
7
                                                                                                                                                                                                                                                                                            4823, 100
                                                                                                                                                                                                                                                                                                                               104, 483
                                                                                                                                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                                                                              83. 700
104. 200
91. 383
99. 883
                                                                                                                                                                                                                                                                                            4810 883
                                                                                                                                                                                                                                                                                            4812. 150
4832. 150
4815. 733
                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                    1.0000 +-
 Normalization constant:
                                                                                                   0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                    0.000 +-
0.000 +-
                                                                                                    (1)
                                                                                                                                                                                                                                                                                                                                                                         (2)
```

	201910_AFAS-P Bottom Fork_Position8.txt	201910_AFAS-P Bottom Fork_Position8.txt				
INCC 5. 1. 2		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000				
Facility: Material balance area: Detector type:	JM2G	Passive scaler2 bkgrnd: 0.000 Number passive cycles: 10				
Detector id: Electronics id: Inventory change code:		Count time (sec): 60 Passive error messages				
I/O code: Measurement date:		No known alpha calibration				
Results file name: Inspection number: Item id:	9A8L0407. VER PB8 201910	Results				
Stratum id: Material type: Original declared mass: Measurement option:	Pu 0.000 Verification	Singles: 41929.718 +- 10.769 Doubles: 7122.772 +- 18.307 Triples: 0.000 +- 0.000 Scaler 1: 339.160 +- 0.713				
Data source: QC tests: Error calculation: Accidentals method:	On Sample method	Scaler 2: $0.000 \leftarrow 0.000$ Passive cycle raw data				
Inspector name: Passive comment:		Cycle Singles R+A A Scaler I Scaler 2 0C Tests 1 2513629 7168165 6744114 20404 0 Pass 2 2514070 7167014 6743201 20256 0 Pass				
Isotopics id: Isotopics source code: Pu238:	CO 0.0000 +- 0.0000 0.0000 +- 0.0000	3 2515680 7177667 6746187 20417 0 Pass 4 2519700 7200694 6775930 20524 0 Pass 5 2516162 7181999 6757327 20468 0 Pass				
Pu239: Pu240: Pu241:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6 2514664 7173152 6742133 20139 0 Pass 7 2513742 7165287 6737263 20117 0 Pass 8 2518357 7188998 6764811 20384 0 Pass				
Pu242: Pu date: Am241:	0.0000 \(\ldots \) 0.0000	9 2514812 7176257 6748928 20377 0 Pass 10 2517015 7186548 6753224 20410 0 Pass				
Am date:	00. 01. 01 19. 10. 08	Passive cycle rate data				
Predelay: Gate length: 2nd gate length: High voltage: Die away timme Efficiency: Multiplicity deadtime:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0127 0. 0000	Cycle Singles Doubles Triples Mass QC Test: 1 41893.817 7067.517 0.000 0.000 Pass 2 41901.167 7063.550 0.000 0.000 Pass 3 41928.000 7191.333 0.000 0.000 Pass 4 41995.000 7079.400 0.000 0.000 Pass 5 41936.033 7077.867 0.000 0.000 Pass 6 41911.067 7183.650 0.000 0.000 Pass				
Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0, 0000 0, 0000 0, 0000 0, 0001 0, 0001	7 41895.700 7133.733 0.000 0.000 Pass 8 41972.617 7086.450 0.000 0.000 Pass 9 41913.533 7122.150 0.000 0.000 Pass 10 41950.250 7222.067 0.000 0.000 Pass				

201910_AFAS-P Bottom Fork_Position9.txt

Passive singles bkgrnd: Passive doubles bkgrnd: 0.000 +-0.000 +- 0. 000 0. 000 (1)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                               Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                     0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                  0.000
   Facility: PFPF
Material balance area: JM2G
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                     0.000
                                                                                                                                                                                                                                                                                  Number passive cycles:
                                                                                                                                                                                                                                                                                              Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                             Passive error messages
                                                            19. 10. 08 11:26:13
9A8L2613. VER
                                                                                                                                                                                                                                                                             No known alpha calibration
                                                                                                                                                                                                                                                                              Results
              Inspection number
                                                            PB9 201910
                          Item id:
Stratum id:
                                                                                                                                                                                                                                                                                                                                         Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                8031.737 +-
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                      2.432
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                260. 798 +-
0. 000 +-
1133. 692 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                      2. 335
0. 000
1. 278
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                             Passive cycle raw data
                                                                                                                                                                                                                                                                                               Singles
481927
481643
482802
                                                                                                                                                                                                                                                                                                                             R+A
263730
263398
264890
                                                                                                                                                                                                                                                                                                                                                                                Scaler 1
67829
67877
68106
                                                                                                                                                                                                                                                                                                                                                                                                          Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                              Cycle
                                                                                                                                                                                                                                                                                                                                                       A
247498
247971
249387
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                             263058
263843
263496
262954
263298
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                   481175
482263
481680
481471
                                                                                                                                                                                                                                                                                                                                                       247187
247833
247265
247659
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                    68072
                                                                                                                                                                                                                                                                                                                                                                                                                        0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                       0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                    68366
68125
68129
                                                                                                                                                                                                                                                                                                                                                       247887
247551
248572
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
                                          Pu241:
                                                                                                                                                                                                                                                                                                   481809
                                                                                                                                                                                                                                                                                                                                                                                    67754
                                          Pu242:
                                                                                                                                                                                                                                                                                                   482021
482251
                                                                                                                                                                                                                                                                                                                             263211
263411
                                                                                                                                                                                                                                                                                                                                                                                    67628
                                    Pu242:
Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                       19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                                   10
                                                                                                                                                                                                                                                                                                                                                                                    68329
                                                                                               0.0000
                                                                                                                                                        0.0000
                                                                                                                                                                                                                                                                             Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                          Triples
0.000
0.000
0.000
0.000
0.000
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                     Singles
8032.117
                                                                                                                                                                                                                                                                             Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                 Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                         Doubles 270. 533
                                                               64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                      8027. 383
8046. 700
8019. 583
8037. 717
                                                                                                                                                                                                                                                                                                                                         257. 117
258. 383
264. 517
266. 833
                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                    8028. 000
8024. 517
8030. 150
8033. 683
8037. 517
                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                    6
7
                                                                                                                                                                                                                                                                                                                                         270. 517
254. 917
                                                                                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                                                                                         256. 850
261. 000
247. 317
                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
 Normalization constant:
                                                                                                      0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                      (2)
```

	201910_AFAS-P Bottom Fork_Position10.txt		201910_AFAS	-P Bottom Fork_Position10.txt
INCC 5.1.2 Facility:	PFPF	Passive sca	iples bkgrnd: 0.000 - aler1 bkgrnd: 0.000 aler2 bkgrnd: 0.000	⊢ 0.000
Material balance area: Detector type: Detector id:	JM2G JSR_03 JSR_03		ssive cycles: 10 t time (sec): 60	
Electronics id: Inventory change code:	JSR-12	Passive erro	or messages	
I/O code: Measurement date: Results file name:	19. 10. 08 13:15:41 9A8N1541, VFR	No known alp	oha calibration	
Inspection number:	PB10 201910	Results		
Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification Review disk file		Singles: Doubles: Triples: Scaler 1: Scaler 2:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycl	le raw data	
Inspector name: Passive comment:	modeli od		gles R+A A 3940 47019 4438 4756 47208 4475	
Isotopics id: Isotopics source code: Pu238:	Default CO 0.0000 + 0.0000 0.0000 + 0.0000	3 204 4 203	4687 47264 44593 3808 46918 44123 4415 47218 4436	2 154350 0 Pass 3 154602 0 Pass
Pu239: Pu240: Pu241: Pu242:	0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000	6 204 7 203 8 203	4231 47214 4409 3436 47162 4419 3750 47232 4436 4026 47131 4458	1 154931 0 Pass 9 155696 0 Pass 9 154871 0 Pass
Pu date: Am241: Am date:	00.01.01	10 204 Passive cycl	4053 47390 4448	5 154682 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0127 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0001	Cycle S 1 33 2 34 3 3 44 4 33 5 34 4 7 33 8 33 9 9 34	Singles Doubles 399,000 43,850 412,600 40,883 411,450 44,533 396,800 46,583 406,917 47,483 403,850 52,050 390,600 49,383 395,833 47,717 400,433 42,500 400,433 42,500	Triples Mass QC Tests 0.000 0.000 Pass
Normalization constant:	1. 0000 +- 0. 0000			

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                        Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                              0.000
   Facility: PFPF
Material balance area: JM26
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                         Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                                           Number passive cycles:
                                                                                                                                                                                                                                                                                                        Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                      Passive error messages
                                                               19. 10. 08 09:07:37
9A8J0737. VER
                                                                                                                                                                                                                                                                                      No known alpha calibration
             Results
                                                               PC1 201910
XXXX
                                                                                                                                                                                                                                                                                                                                                    Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                             1114,686 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                    0.791
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                 4. 130 +-
0. 000 +-
54. 208 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                    0. 440
0. 000
0. 272
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                      Passive cycle raw data
                                                                                                                                                                                                                                                                                                         Singles
66792
66890
66992
                                                                                                                                                                                                                                                                                                                                           R+A
4960
5078
5158
                                                                                                                                                                                                                                                                                                                                                                                             Scaler 1
3278
3368
3226
                                                                                                                                                                                                                                                                                                                                                                                                                       Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                       Cycle
                                                                                                                                                                                                                                                                                                                                                                        A
4688
4769
4908
                          Isotopics id: Default
                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                            5036
5111
5070
5061
4984
4958
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                        4821
4953
4622
4819
                                                                                                                                                                                                                                                                                                                                                                                                   3262
3244
3183
3202
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                66951
                                                                                                                                                                                                                                                                                                                                                                                                                                      0
0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                            0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                67150
66774
66813
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                    3252
                                            Pu241:
                                                                                                                                                                                                                                                                                              8
                                                                                                                                                                                                                                                                                                                66876
                                                                                                                                                                                                                                                                                                                                                                         4808
4757
                                            Pu242:
                                                                                                                                                                                                                                                                                                                66924
                                                                                                                                                                                                                                                                                                                                                                                                    3284
3226
                                      Pu242:
Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                           19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                                            10
                                                                                                                                                                                                                                                                                                                66585
                                                                                                  0.0000
                                                                                                                                                             0.0000
                                                                                                                                                                                                                                                                                      Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                      Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                Singles
1113.307
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                                                    Doubles
4. 535
5. 152
4. 168
3. 585
2. 634
7. 470
4. 035
2. 934
3. 351
3. 435
                                                                                                                                                                                                                                                                                                                                                                                                                              Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                      Cvcle
                                                                  64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                1114. 941
1116. 641
1115. 958
1119. 275
                                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                               1113. 007
1113. 657
                                                                                                                                                                                                                                                                                              6
7
                                                                                                                                                                                                                                                                                                                1113. 657
1114. 707
1115. 508
1109. 856
                                                                         1.0000 +-
                                                                                                         0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.000 +-
0.000 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                   (2)
```

	201910_AFAS-P Collar_Position2.txt	201910_AFAS-P Collar_Position2.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JSR_03	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:	50.0.2	Passive error messages
Measurement date: Results file name: Inspection number:	19.10.08 09:25:41 9A8J2541. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:		Singles: 1370.251 ← 1.924 Doubles: 6.653 ← 0.732 Triples: 0.000 ← 0.000 Scaler 1: 46.877 ← 0.304 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 82033 7493 7323 2769 O Pass 2 82609 7691 7259 2691 O Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3 82409 7582 7078 2755 0 Pass 4 82063 7862 7207 2814 0 Pass 5 82836 7796 7286 2819 0 Pass 6 81684 7534 7147 2871 0 Pass 7 81812 7525 7264 2861 0 Pass 8 82176 7512 7170 2834 0 Pass 9 82459 7726 7305 2854 0 Pass 10 81972 7479 7171 2858 0 Pass
Am date:	00. 01. 01 19. 10. 08	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.1620 86.5000 0.3458 0.0299 0.0000 0.0001	Cycle Singles Doubles Triples Mass 0C Tests 1 1367.378 2.835 0.000 0.000 Pass 2 1376.981 7.203 0.000 0.000 Pass 3 1373.646 8.404 0.000 0.000 Pass 4 1367.878 10.922 0.000 0.000 Pass 5 1380.765 8.504 0.000 0.000 Pass 6 1361.560 6.453 0.000 0.000 Pass 7 1363.694 4.352 0.000 0.000 Pass 8 1369.762 5.703 0.000 0.000 Pass 9 1374.480 7.020 0.000 0.000 Pass 10 1366.361 5.136 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000	
	(1)	(2)

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                                 0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                              PFPF
JM2G
JSR_03
JSR_03
                                                                                                                                                                                                                                                                                           Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                                             Number passive cycles:
                                                                                                                                                                                                                                                                                                          Count time (sec)
                                                               JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                        Passive error messages
                                                               19. 10. 08 09:42:46
9A8J4246. VER
                                                                                                                                                                                                                                                                                        No known alpha calibration
              Results
                                                               PC3 201910
XXXX
                                                                                                                                                                                                                                                                                                                                                      Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                  739, 499 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                      1, 198
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                    1. 914 +-
0. 000 +-
59. 852 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                      0. 514
0. 000
0. 273
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                        Passive cycle raw data
                                                                                                                                                                                                                                                                                                           Singles
44140
44768
44105
                                                                                                                                                                                                                                                                                                                                             R+A
2079
2240
2180
                                                                                                                                                                                                                                                                                                                                                                                               Scaler 1
3565
3553
3639
                                                                                                                                                                                                                                                                                                                                                                                                                          Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                         Cycle
                                                                                                                                                                                                                                                                                                                                                                          A
2151
2136
2045
2111
2068
2106
2143
2092
2053
2124
                         Isotopics id: Default
                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                               2190
2210
2232
2172
2379
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                      3551
3668
3552
3626
                                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                  44515
                                                                                                                                                                                                                                                                                                                                                                                                                                         0
0
0
0
0
0
                                                                                                  0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                             0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                  44137
44183
44548
44463
44283
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
                                                                                                                                                                                                                                                                                              8
9
10
                                            Pu241:
                                                                                                                                                                                                                                                                                                                                                                                                       3659
                                            Pu242:
                                                                                                                                                                                                                                                                                                                                               2272
2223
                                                                                                                                                                                                                                                                                                                                                                                                       3524
3574
                                      Pu242:
Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                            19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                                                                  44529
                                                                                                  0.0000
                                                                                                                                                              0.0000
                                                                                                                                                                                                                                                                                         Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                         Triples
0.000
0.000
0.000
0.000
0.000
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                   Singles
735.713
                                                                                                                                                                                                                                                                                                                                                      Doubles
-1. 200
1. 734
2. 251
1. 317
2. 367
2. 101
0. 483
4. 785
3. 651
1. 650
                                                                                                                                                                                                                                                                                                                                                                                                                                 Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                        Cvcle
                                                                  64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                    746. 181
735. 130
741. 964
735. 663
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                               6
7
                                                                                                                                                                                                                                                                                                                    736. 430
742. 514
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
                                                                                                                                                                                                                                                                                                                   741. 097
738. 097
742. 198
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                         1.0000 +-
                                                                                                          0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.000 +-
0.000 +-
                                                                                                            (1)
                                                                                                                                                                                                                                                                                                                                                                                                     (2)
```

	201910_AFAS-P Collar_Positi	i on4. txt			201910_A	FAS-P Collar_P	osition4.txt
INCC 5.1.2 Facility:	PFPF		F	Passive triples bk Passive scaler1 bk Passive scaler2 bk	grnd: 0.000	0.000	
Material balance area: Detector type: Detector id: Electronics id:	JM2G JSR_03 JSR_03 JSR-12			Number passive cy Count time (
Inventory change code: I/O code:	00K 12		Pa	assive error messa	ges		
Measurement date: Results file name: Inspection number:	19. 10. 08 09:59:50 9A8J5950. VER			o known alpha cali esults	bration		
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: OC tests:	PC4 201910 XXXX Pu 0.000 Verification Review disk file On			-	Singles: Doubles: Triples: Scaler 1: Scaler 2:	1562. 524 10. 813 0. 000 258. 273 0. 000	← 0. 991 ← 0. 000 ← 0. 789
Error calculation: Accidentals method: Inspector name: Passive comment:	Sample method Measured			assive cycle raw d ycle Singles 1 93435	ata R+A A 10016 928	Scaler1 5 15596	Scaler2 QC Tests 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0000 ← 0.0000 0000 ← 0.0000 0000 ← 0.0000 0000 ← 0.0000 0000 ← 0.0000 0.08		2 94313 3 93744 4 93464 5 93854 6 94040 7 93917 8 93628 9 93358 10 93635	10084 947: 10038 936: 9897 931: 9950 930: 10282 918: 9968 943: 9835 948: 9929 927: 10014 940:	5 15604 5 15612 2 15490 5 15230 1 15381 5 15664 6 15429	O Pass
Am date:	00. 01. 01 19. 10		Pa	assive cycle rate	data		
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1620 86. 5000 0. 3458 0. 0299 0. 0000 0. 0001		,	Total Singles 1557.460 1572.097 3 1562.611 4 1557.943 1564.445 6 1567.546 7 1565.495 8 1560.677 9 1556.176 10 1560.794	Doubles 12. 173 10. 156 11. 206 9. 705 10. 806 18. 293 8. 955 5. 836 10. 889 10. 105	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 +- 0.0000 0.000 +- 0.000						
Passive doubles bkgrnd:	0.000 +- 0.000					(4)	

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                      Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                            0.000
   Facility: PFPF
Material balance area: JM26
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                                         Number passive cycles:
                                                                                                                                                                                                                                                                                                      Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                    Passive error messages
                                                              19. 10. 08 10:14:54
9A8K1454. VER
                                                                                                                                                                                                                                                                                    No known alpha calibration
              Results
                                                              PC5 201910
XXXX
                                                                                                                                                                                                                                                                                                                                                 Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                           1393, 693 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                 1.907
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                            7. 274 +-
0. 000 +-
139. 547 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 590
0. 000
0. 571
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                    Passive cycle raw data
                                                                                                                                                                                                                                                                                                       Singles
83200
                                                                                                                                                                                                                                                                                                                                         R+A
7856
7812
7917
                                                                                                                                                                                                                                                                                                                                                                                          Scaler 1
8374
8328
8301
                                                                                                                                                                                                                                                                                                                                                                                                                    Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                                                      A
7259
7526
7382
7423
7493
7349
7481
7662
7440
7413
                                                                                                                                                                                                                                                                                                              83880
83355
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                          7917
7837
7959
7900
7888
7912
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                8354
8185
8456
8520
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                              83536
                                                                                                                                                                                                                                                                                                                                                                                                                                   0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
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83651
83433
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                                                                                                                                                                                                                                                                          8
9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                              84151
                                                                                                                                                                                                                                                                                                                                                                                                 8329
                                           Pu242:
                                                                                                                                                                                                                                                                                                              84041
                                                                                                                                                                                                                                                                                                                                           7821
7888
                                                                                                                                                                                                                                                                                                                                                                                                  8333
8548
                                     Pu242:
Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                          19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                                                              83051
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                    Passive cycle rate data
                                                                1. 50
64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                    Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                 Doubles
9. 955
4. 769
8. 921
6. 903
7. 770
                                                                                                                                                                                                                                                                                                              Singles
1386, 833
                                                                                                                                                                                                                                                                                                                                                                                                                           Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                    Cvcle
                                                                                                                                                                                                                                                                                                              1398. 169
1389. 417
1392. 434
1397. 119
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                      9. 188
6. 787
4. 169
6. 353
7. 920
                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                            6
                                                                                                                                                                                                                                                                                                              1394. 351
1390. 717
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
                                                                                                                                                                                                                                                                                                              1402. 687
1400. 853
1384. 349
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                        1.0000 +-
                                                                                                        0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                (2)
```

	201910_AFAS-P Collar_Position6.txt	201910_AFAS-P Collar_Position6.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 +- 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JSR_03 JSR_03	Number passive cycles: 9 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:	9A8K3058. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source OC tests:	Pu	Singles: 1885.113 ← 2.170 Doubles: 14.921 ← 1.605 Triples: 0.000 ← 0.000 Scaler 1: 69.672 ← 0.377 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method: Inspector name: Passive comment:	Sample method Measured	Passive cycle raw data Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 112847 14297 13952 4188 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default C0 0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 19.10.08 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000	2 112993 14552 13767 4153 0 Pass 3 112973 14685 13423 4164 0 Pass 4 113922 14688 13880 4126 0 Pass 5 113089 14587 13345 4107 0 Pass 6 113315 14278 13538 4312 0 Pass 7 113087 14404 13629 4132 0 Pass 8 112462 14456 13455 4173 0 Pass 9 113107 14553 13459 4268 0 Pass Passive cycle rate data
Am241: Am date:		rassive cycle rate data Cycle Singles Doubles Triples Mass QC Tests
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient B deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.1620 86.5000 0.3458 0.0299 0.0000 0.0001	1 1881.089 5.754 0.000 0.000 Pass 2 1883.523 13.092 0.000 0.000 Pass 3 1883.190 21.047 0.000 0.000 Pass 4 1899.012 13.476 0.000 0.000 Pass 5 1885.124 20.713 0.000 0.000 Pass 6 1888.892 12.341 0.000 0.000 Pass 7 1885.091 12.925 0.000 0.000 Pass 8 1874.670 16.694 0.000 0.000 Pass 9 1885.424 18.245 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd: Passive doubles bkgrnd:	1.0000 +- 0.0000 0.000 +- 0.000 0.000 +- 0.000	

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                       Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                       0.000
    Facility: PFPF
Material balance area: JM26
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                        Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                          Number passive cycles:
                                                                                                                                                                                                                                                                                     Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                     Passive error messages
                                                           19. 10. 08 10:47:02
9A8K4702. VER
                                                                                                                                                                                                                                                                     No known alpha calibration
             Results
                                                           PC7 201910
                                                                                                                                                                                                                                                                                                                               Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                           XXXX
                                                                                                                                                                                                                                                                                                                                                                     4824, 899 +-
                                                                                                                                                                                                                                                                                                                                                                                                         2.807
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                      97. 265 +-
0. 000 +-
110. 422 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                         2. 160
0. 000
0. 474
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                     Passive cycle raw data
                                                                                                                                                                                                                                                                                       Singles
289523
289451
289031
                                                                                                                                                                                                                                                                                                                      R+A
95211
95214
94824
                                                                                                                                                                                                                                                                                                                                                                     Scaler 1
6489
6523
6654
                                                                                                                                                                                                                                                                                                                                                                                              Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                                89602
88794
                        Isotopics id: Default
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                          290242
289844
289386
288653
                                                                                                                                                                                                                                                                                                                      95635
95410
95241
94782
                                                                                                                                                                                                                                                                                                                                               89652
89266
88972
89760
                                                                                                                                                                                                                                                                                                                                                                           6724
6638
6746
6627
                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
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0
0
0
0
0
                                                                                           0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                   0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                  0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
                                                                                                                                                                                                                                                                          8
9
10
                                                                                                                                                                                                                                                                                                                      94414
                                         Pu241:
                                                                                                                                                                                                                                                                                          288729
                                                                                                                                                                                                                                                                                                                                                88162
89725
                                                                                                                                                                                                                                                                                                                                                                            6528
                                         Pu242:
                                                                                                                                                                                                                                                                                         289929
288944
                                                                                                                                                                                                                                                                                                                      95208
94487
                                                                                                                                                                                                                                                                                                                                                                            6718
                                   Pu242:
Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                   19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                                                                                                                            6606
                                                                                            0.0000
                                                                                                                                                   0.0000
                                                                                                                                                                                                                                                                     Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                               Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                             Singles
4827. 398
                                                                  1.50
64.00
                                                                                                                                                                                                                                                                     Cvcle
                                                                                                                                                                                                                                                                                                                               Doubles
                                                                                                                                                                                                                                                                                                                                                                                                     Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                               91. 386
93. 690
100. 668
99. 884
102. 571
                                                             64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                             4826. 197
4819. 191
4839. 391
4832. 752
                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                            6
7
                                                                                                                                                                                                                                                                                             4825, 112
                                                                                                                                                                                                                                                                                                                                104, 658
                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
                                                                                                                                                                                                                                                                                             4812 885
                                                                                                                                                                                                                                                                                                                                 83 839
                                                                                                                                                                                                                                                                                            4814. 153
4834. 170
4817. 739
                                                                                                                                                                                                                                                                                                                               104. 374
91. 536
100. 050
                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                    1.0000 +-
                                                                                                   0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                    0.000 +-
0.000 +-
                                                                                                     (1)
                                                                                                                                                                                                                                                                                                                                                                           (2)
```

	201910_AFAS-P Collar_Position8.txt	201910_AFAS-P Collar_Position8.txt
INCC 5. 1. 2	area.	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000
Facility: Material balance area: Detector type: Detector id:	PFPF JM26 JSR_03 JSR 03	Passive scaler2 bkgrnd: 0.000 Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	USR-12	Passive error messages
Measurement date: Results file name: Inspection number:	19. 10. 08 11:04:07 9A8L0407. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	PCB 201910 XXXX Pu 0.000 Verification Review disk file	Singles: 42082.535 ++ 10.848 Doubles: 7227.179 +- 18.575 Triples: 0.000 +- 0.000 Scaler 1: 339.160 +- 0.713 Scaler 2: 0.000 +- 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment: Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Cycle Singles R+A A Scaler1 Scaler2 OC Tests 1 2513629 7168165 6744114 20404 0 Pass 2 2514070 7167014 6743201 20256 0 Pass 3 2515680 7177667 6746187 20417 0 Pass 4 2519700 7200694 6775930 20524 0 Pass 5 2516162 7181999 6757327 20468 0 Pass 6 2514664 7173152 6742133 20139 0 Pass 7 2513742 7165287 6737263 20117 0 Pass 8 2518357 718998 6764811 20384 0 Pass 9 2514812 7176257 6748928 20377 0 Pass 10 2517015 7186548 6758224 20410 0 Pass
Am241: Am date:	0.0000 +- 0.0000	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Gadatime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1620 86. 5000 0. 3458 0. 0299 0. 0000 0. 0001	Cycle Singles Doubles Triples Mass QC Tests 1 42046.371 7171.024 0.000 0.000 Pass 2 242053.775 7167.018 0.000 0.000 Pass 3 42080.804 7296.741 0.000 0.000 Pass 4 42148.294 7183.335 0.000 0.000 Pass 5 42083.896 7181.632 0.000 0.000 Pass 6 42063.747 7288.902 0.000 0.000 Pass 7 42048.288 7388.216 0.000 0.000 Pass 8 42125.747 7190.432 0.000 0.000 Pass 9 42066.232 7226.508 0.000 0.000 Pass 10 42103.217 7327.982 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000	

(1)

(2)

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                 Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                    0.000
   Facility: PFPF
Material balance area: JM26
Detector type: JSR_03
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                  Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                                    Number passive cycles:
                                                                                                                                                                                                                                                                                                Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                               Passive error messages
                                                             19. 10. 08 11:26:13
9A8L2613. VER
                                                                                                                                                                                                                                                                               No known alpha calibration
             Results
                                                             PC9 201910
                                                                                                                                                                                                                                                                                                                                           Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                   8037, 319 +-
                                                                                                                                                                                                                                                                                                                                                                                                                         2. 435
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                   261. 524 +-
0. 000 +-
1133. 692 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                         2. 342
0. 000
1. 278
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                               Passive cycle raw data
                                                                                                                                                                                                                                                                                                 Singles
481927
481643
482802
                                                                                                                                                                                                                                                                                                                               R+A
263730
263398
264890
                                                                                                                                                                                                                                                                                                                                                                                   Scaler 1
67829
67877
68106
                                                                                                                                                                                                                                                                                                                                                                                                             Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                Cycle
                                                                                                                                                                                                                                                                                                                                                          A
247498
247971
249387
                        Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                               263058
263843
263496
262954
263298
263211
263411
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                     481175
482263
481680
481471
                                                                                                                                                                                                                                                                                                                                                          247187
247833
247265
247659
                                                                                                                                                                                                                                                                                                                                                                                       68072
68366
68125
68129
                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                           0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                    481809
482021
482251
                                                                                                                                                                                                                                                                                                                                                          247887
247551
248572
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
                                                                                                                                                                                                                                                                                     8
9
10
                                          Pu241:
                                                                                                                                                                                                                                                                                                                                                                                       67754
                                          Pu242:
                                                                                                                                                                                                                                                                                                                                                                                       67628
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                       19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                                                                                                                                       68329
                                                                                               0.0000
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                               Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                            Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                       Singles
8037.700
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                               Cvcle
                                                                                                                                                                                                                                                                                                                                            Doubles
271. 286
                                                                                                                                                                                                                                                                                                                                                                                                                    Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                        8032. 960
8052. 303
8025. 149
8043. 308
                                                                                                                                                                                                                                                                                                                                           257. 832
259. 104
265. 252
267. 577
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                      6
7
                                                                                                                                                                                                                                                                                                        8033, 577
                                                                                                                                                                                                                                                                                                                                            271. 269
255. 626
                                                                                                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                                       8030. 089
8035. 730
8039. 269
8043. 107
                                                                                                                                                                                                                                                                                                                                           257. 565
261. 727
248. 005
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
                                                                                                      0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                         (2)
```

	201910_AFAS-P Collar_Position10.txt	201910_AFAS-P Collar_Position10.txt
INCC 5.1.2 Facility:	PFPF	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JM26 JSR_03 JSR_03 JSR-12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name:	19. 10. 08 13:15:41 9A8N1541. VER	No known alpha calibration
Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	PC10 201910 XXXXX Pu 0.000 Verification Review disk file	Results Singles: 3402.838 ← 2.204 Doubles: 46.395 ← 1.073 Triples: 0.000 ← 0.000 Scaler 1: 2584.017 ← 2.374 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	Measured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 203940 47019 44388 155173 0 Pass 2 204756 47208 44755 155122 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 ← 0.0000 ← 0.0000 0.000	3 204687 47264 44592 154350 0 Pass 4 203808 46918 44123 154602 0 Pass 5 204415 47218 44369 155240 0 Pass 6 204231 47214 44091 154931 0 Pass 7 203436 47162 44199 155696 0 Pass 8 203750 47162 44369 154871 0 Pass 9 204026 47131 44581 155743 0 Pass 10 204053 47390 44485 154682 0 Pass Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 1720 50. 0000 0. 1620 86. 5000 0. 3458 0. 0299 0. 0000 0. 00001 0. 00001	Cycle Singles Doubles Triples Mass OC Tests 1 3399, 999 43, 902 0.000 0.000 Pass 2 3413, 607 40, 932 0.000 0.000 0.000 Pass 3 3412, 457 44, 586 0.000 0.000 Pass 4 3397, 798 46, 638 0.000 0.000 Pass 5 3407, 921 47, 539 0.000 0.000 Pass 6 3404, 852 52, 111 0.000 0.000 Pass 7 3391, 594 49, 441 0.000 0.000 Pass 8 3396, 831 47, 773 0.000 0.000 Pass 9 3401, 433 42, 550 0.000 0.000 Pass 10 3401, 884 48, 474 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000	
	(1)	(2)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                      0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                    0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                             PFPF
JM2G
JSR_02
JSR_02
                                                                                                                                                                                                                                                                                 Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                      0.000
                                                                                                                                                                                                                                                                                   Number passive cycles:
                                                                                                                                                                                                                                                                                               Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                              Passive error messages
                                                             19. 10. 08 09:07:27
9A8J0727. VER
                                                                                                                                                                                                                                                                              No known alpha calibration
             Results
                                                             PT1 201910
                                                                                                                                                                                                                                                                                                                                          Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                      41.313 +-
                                                                                                                                                                                                                                                                                                                                                                                                                        0.220
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                    0.013 +-
0.000 +-
103.802 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                        0. 017
0. 000
0. 473
0. 000
                                                             Sample method
Measured
                                                                                                                                                                                                                                                                              Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                           Singles
2502
2521
2476
                                                                                                                                                                                                                                                                                                                                                                                  Scaler1
6162
6353
6226
                                                                                                                                                                                                                                                                               Cycle
                         Isotopics id:
                                                             Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                         2470
2476
2460
2498
                                                                                                                                                                                                                                                                                                                                                                                         6339
6176
6123
6128
                                                                                                                                                                                                                                                                                                                                                                                                                          0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                       0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                   4
6
11
10
2
7
                                                                                                                                                                                                                                                                                                                                         11
9
5
                                                                                                                                                                                                                                                                                                                                                                                         6168
6274
6332
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
                                                                                                                                                                                                                                                                                    8
9
10
                                          Pu241:
                                                                                                                                                                                                                                                                                                         2527
                                          Pu242:
                                                                                                                                                                                                                                                                                                         2507
2421
                                     Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000
00. 01. 01
                                                                                                                       19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                               0.0000
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                              Passive cycle rate data
                                                              1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                            Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                         Singles
41.700
                                                                                                                                                                                                                                                                              Cvcle
                                                                                                                                                                                                                                                                                                                                           Doubles |
                                                                                                                                                                                                                                                                                                                                                                                                                   Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                              0. 000
0. 067
0. 017
0. 017
0. 033
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                            42. 017
41. 267
40. 000
41. 267
41. 000
41. 633
42. 117
41. 783
40. 350
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                              -0. 033
-0. 067
0. 017
0. 117
-0. 033
                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                     6
7
                                                                       1.0000 +-
 Normalization constant:
                                                                                                       0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                        (2)
```

	201910_AFAS-P Top Fork_Position2.txt	201910_AFAS-P Top Fork_Position2.txt
INCC 5. 1. 2		Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000
Facility: Material balance area:	PFPF JM2G	Passive scaler2 bkgrnd: 0.000
Detector type: Detector id:	JSR_02 JSR_02	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name:	19. 10. 08	No known alpha calibration
Inspection number: Item id:	PT2 201910	Results
Stratum id: Material type: Original declared mass:	XXXX Pu 0. 000	Singles: 63.613 +- 0.345 Doubles: 0.038 +- 0.030 Triples: 0.000 +- 0.000
Measurement option: Data source: QC tests:	Verification Review disk file On	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Error calculation:	Sample method	Passive cycle raw data
Accidentals method: Inspector name: Passive comment:	Measured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 3844 12 12 10499 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 100.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000	2 3746 13 11 10493 0 Pass 3 3752 20 20 10652 0 Pass 4 3722 13 6 10601 0 Pass 5 3898 14 18 10537 0 Pass 6 3903 13 13 10559 0 Pass 7 3848 21 10 10647 0 Pass 9 3773 19 10 10566 0 Pass 9 3773 19 10 10566 0 Pass 10 3869 19 14 10713 0 Pass 10 Pass 10 Service Pass 10 Service Pass 10 Pass 10 Service Pass 10 Service Pass 10 Pass 10 Service P
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: Normalization constant: Passive singles bkgrnd:	1.50 64.00 1720 50.0000 0.0126 0.0000 0.0000 0.0000 0.0000 0.00001 1.0000 1.0000 0.0001 0.0000 0.0000 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 64.067 0.000 0.000 0.000 0.000 9.85 2 62.433 0.033 0.000 0.000 0.000 9.85 3 62.533 0.000 0.000 0.000 0.000 9.85 4 62.033 0.117 0.000 0.000 9.000 Pass 6 64.967 -0.067 0.000 0.000 9.000 Pass 6 65.050 0.000 0.000 0.000 Pass 7 64.133 0.183 0.000 0.000 Pass 9 62.883 0.150 0.000 0.000 Pass 10 64.483 0.083 0.000 0.000 Pass
Passive doubles bkgrnd:	0.000 + 0.000	
	(1)	(2)

```
201910_AFAS-P Top Fork_Position3.txt
                                                                                                                                                                                                                                                                                                                                       201910_AFAS-P Top Fork_Position3.txt
                                                                                                                                                                                                                                                                                                                                              0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                          0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                           PFPF
JM2G
JSR_02
JSR_02
                                                                                                                                                                                                                                                                          Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                            Number passive cycles:
                                                                                                                                                                                                                                                                                        Count time (sec)
                                                           JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                       Passive error messages
                                                           19. 10. 08 09:42:37
9A8J4237. VER
                                                                                                                                                                                                                                                                       No known alpha calibration
             Results
                                                           PT3 201910
                                                                                                                                                                                                                                                                                                                                  Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                          237.955 +-
                                                                                                                                                                                                                                                                                                                                                                                                              0.771
                                                           XXXX
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                             0. 303 +-
0. 000 +-
56. 717 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                              0. 077
0. 000
0. 286
0. 000
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                       Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                     A
205
234
195
                                                                                                                                                                                                                                                                                          Singles
                                                                                                                                                                                                                                                                                                                                                                         Scaler 1
3297
3384
3408
                                                                                                                                                                                                                                                                                                                                                                                                  Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                        Cycle
                                                                                                                                                                                                                                                                                                14085
14198
14285
                                                                                                                                                                                                                                                                                                                              240
238
                         Isotopics id: Default
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                14192
14343
14146
14305
                                                                                                                                                                                                                                                                                                                                                                              3461
3355
3456
3461
                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                              226
250
210
231
238
264
241
                                                                                                                                                                                                                                                                                                                                                       227
225
206
216
217
224
225
                                                                                                                                                                                                                                                                                                                                                                                                                0
0
0
0
0
0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                     0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
                                                                                                                                                                                                                                                                             8
9
10
                                         Pu241:
                                                                                                                                                                                                                                                                                                14282
                                                                                                                                                                                                                                                                                                                                                                               3401
                                         Pu242:
                                                                                                                                                                                                                                                                                                14621
14316
                                                                                                                                                                                                                                                                                                                                                                                3364
3443
                                    Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                    19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                             0.0000
                                                                                                                                                     0.0000
                                                                                                                                                                                                                                                                        Passive cycle rate data
                                                             1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                  Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                 Singles
234.750
                                                                                                                                                                                                                                                                                                                                 Doubles
0. 217
0. 100
0. 717
-0. 017
0. 417
0. 067
0. 250
0. 350
0. 667
0. 267
                                                                                                                                                                                                                                                                       Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                         Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                 236. 633
238. 083
236. 533
239. 050
                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                              6
7
                                                                                                                                                                                                                                                                                                  235. 767
238. 417
                                                                                                                                                                                                                                                                                                 238. 033
243. 683
238. 600
                                                                     1.0000 +-
                                                                                                    0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     0.000 +-
0.000 +-
                                                                                                      (1)
                                                                                                                                                                                                                                                                                                                                                                              (2)
```

	201910_AFAS-P Top Fork_Position4.txt	201910_AFAS-P Top Fork_Position4.txt
INCC 5.1.2 Facility:	PFPF	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JM26 JSR_02 JSR_12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:	30K 12	Passive error messages
Measurement date: Results file name: Inspection number:	19.10.08 09:59:42 9A8J5942. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	PT4 201910 XXXX Pu 0.000 Verification Review disk file	Singles: 920.155 ← 1.781 Doubles: 3.643 ← 0.450 Triples: 0.000 ← 0.000 Scaler 1: 46.125 ← 0.247 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	measured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 55194 3536 3275 2751 O Pass 2 55006 3378 3211 2778 O Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01.01 19.10.08 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01.01 19.10.08	3 55647 3439 3273 2679 0 Pass 4 55393 3436 3239 2840 0 Pass 5 54647 3403 3034 2807 0 Pass 6 54809 3345 3187 2812 0 Pass 7 55482 3514 3275 2719 0 Pass 8 54962 3379 3312 2771 0 Pass 9 55533 3573 3277 2769 0 Pass 10 55420 3522 3256 2749 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 55.0000 0.0126 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 919,900 4,350 0,000 0,000 Pass 2 916,767 2,783 0,000 0,000 Pass 3 927,450 2,767 0,000 0,000 Pass 4 923,217 3,283 0,000 0,000 Pass 5 910,783 6,150 0,000 0,000 Pass 6 913,483 2,633 0,000 0,000 Pass 7 924,700 3,983 0,000 0,000 Pass 8 916,033 1,117 0,000 0,000 Pass 9 925,550 4,933 0,000 0,000 Pass 10 923,667 4,433 0,000 0,000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000	
	(1)	(2)

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                 Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                    0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                            PFPF
JM2G
JSR_02
JSR_02
                                                                                                                                                                                                                                                                                  Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                                    Number passive cycles:
                                                                                                                                                                                                                                                                                                Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                               Passive error messages
                                                             19. 10. 08 10:14:46
9A8K1446. VER
                                                                                                                                                                                                                                                                               No known alpha calibration
             Results
                                                             PT5 201910
                                                                                                                                                                                                                                                                                                                                           Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                   2803.300 +-
                                                                                                                                                                                                                                                                                                                                                                                                                         2. 756
                                                             XXXX
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                      28. 408 +-
0. 000 +-
49. 482 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                         1. 000
0. 000
0. 210
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                               Passive cycle raw data
                                                                                                                                                                                                                                                                                                  Singles
168183
168121
168904
                                                                                                                                                                                                                                                                                                                                  R+A
32165
32176
32094
                                                                                                                                                                                                                                                                                                                                                                                   Scaler 1
2995
2940
2981
                                                                                                                                                                                                                                                                                                                                                                                                             Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                Cycle
                                                                                                                                                                                                                                                                                                                                                             A
30285
                                                                                                                                                                                                                                                                                                                                                             30393
30669
                        Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                  31941
31913
31811
32038
31965
                                                                                                                                                                                                                                                                                                                                                            30170
30334
29792
30302
30149
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                         2871
3010
2972
2971
                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                      168046
                                                                                                                                                                                                                                                                                                                                                                                                                           0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                     168603
167089
168425
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                         2990
                                          Pu241:
                                                                                                                                                                                                                                                                                                     167673
                                                                                                                                                                                                                                                                                                                                  31914
                                          Pu242:
                                                                                                                                                                                                                                                                                                      168650
                                                                                                                                                                                                                                                                                                                                                             30454
                                                                                                                                                                                                                                                                                                                                                                                          2962
2997
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                       19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                                     10
                                                                                                                                                                                                                                                                                                     168286
                                                                                               0.0000
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                               Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                            Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                       Singles
2803.050
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                                                          Doubles
31, 333
29, 717
23, 750
29, 517
26, 317
33, 650
28, 933
30, 267
24, 333
26, 267
                                                                                                                                                                                                                                                                                                                                                                                                                   Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                               Cvcle
                                                                64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                        2802. 017
2815. 067
2800. 767
2810. 050
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                      6
7
                                                                                                                                                                                                                                                                                                        2784, 817
                                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
                                                                                                                                                                                                                                                                                                       2807. 083
2794. 550
2810. 833
2804. 767
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
                                                                                                      0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                         (2)
```

	201910_AFAS-P Top Fork_Position6.txt	201910_AFAS-P Top Fork_Position6.txt
INCC 5.1.2	PEPE	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JM2G JSR_02 JSR_02	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
	19. 10. 08 10:30:51 9A8K3051. VER	No known alpha calibration
Inspection number: Item id:	PT6 201910	Results
Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification Review disk file On	Singles: 36.185 ← 0.212 Doubles: 0.015 ← 0.019 Triples: 0.000 ← 0.000 Scaler 1: 2408.080 ← 2.450 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	un Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 2129 4 1 144533 0 Pass 2 2208 7 6 144059 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default C0 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01.01 0.0000 ← 0.0000 0.0000 ← 0.0000	3 2170 4 11 144016 0 Pass 4 218 5 3 144378 0 Pass 5 2219 7 5 144640 0 Pass 6 2187 11 4 145436 0 Pass 7 2094 4 6 144227 0 Pass 8 2158 8 7 144752 0 Pass 9 2179 3 2 144878 0 Pass 10 2149 6 5 143929 0 Pass
Am date:	00. 01. 01 19. 10. 08 1. 50	Passive cycle rate data Cycle Singles Doubles Triples Mass QC Tests
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0126 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	Cycle Singles Doubles Triples Mass C Tests 1 35.483 0.050 0.000 0.000 0.000 2 36.800 0.017 0.000 0.000 Pass 3 36.167 -0.117 0.000 0.000 Pass 4 36.967 0.033 0.000 0.000 Pass 5 36.983 0.033 0.000 0.000 Pass 6 36.450 0.117 0.000 0.000 Pass 7 34.900 -0.033 0.000 0.000 Pass 8 35.967 0.017 0.000 0.000 Pass 9 36.317 0.017 0.000 0.000 Pass 10 35.817 0.017 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000	
	(1)	(2)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                             0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                            PFPF
JM2G
JSR_02
JSR_02
                                                                                                                                                                                                                                                                             Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                               Number passive cycles:
                                                                                                                                                                                                                                                                                           Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                          Passive error messages
                                                            19. 10. 08 10:47:55
9A8K4755. VER
                                                                                                                                                                                                                                                                          No known alpha calibration
             Results
                                                            PT7 201910
                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                32.972 +-
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                 0.197
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                              0.015 +-
0.000 +-
826.093 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                 0. 012
0. 000
1. 249
0. 000
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                          Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                     Singles
1927
                                                                                                                                                                                                                                                                                                                                                                            Scaler1
49714
49970
49544
                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                     2011
1984
                        Isotopics id: Default
                                                            0. 0000 +-
0. 0000 +-
100. 0000 +-
0. 0000 +-
0. 0000 +-
                                                                                                                                                                                                                                                                                                    2045
1948
1978
1948
1955
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                49520
49813
49154
49401
                                                                                                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                     0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                                                                                                                                                                                                                                                                8
9
10
                                                                                                                                                                                                                                                                                                                                                                                49479
                                          Pu241:
                                          Pu242:
                                                                                                                                                                                                                                                                                                     1966
                                                                                                                                                                                                                                                                                                                                                                                49688
                                    Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000
00. 01. 01
                                                                                                                     19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                                                                                                                                49373
                                                                                              0.0000
                                                                                                                                                      0.0000
                                                                                                                                                                                                                                                                          Passive cycle rate data
                                                             1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                      Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                     Doubles
0. 033
-0. 033
0. 000
0. 083
0. 033
                                                                                                                                                                                                                                                                                                    Singles
32.117
                                                                                                                                                                                                                                                                          Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                             Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                      33. 517
33. 067
34. 083
32. 467
32. 967
32. 467
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                         0. 000
0. 067
0. 000
-0. 033
0. 000
                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                 6
7
                                                                                                                                                                                                                                                                                                      32. 583
32. 767
33. 683
                                                                      1.0000 +-
 Normalization constant:
                                                                                                     0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                  (2)
```

	201910_AFAS-P Top Fork	_Position8.txt					201	910_AFAS	-P Top Fork_P	Position8.txt
INCC 5.1.2 Facility:	PFPF				Passiv	e triples bk e scaler1 bk e scaler2 bk	grnd:	0. 000 +- 0. 000 0. 000	0.000	
Material balance area: Detector type: Detector id: Electronics id:	JM2G JSR_02 JSR_02 JSR-12				Numbe	r passive cy Count time (9 60		
Inventory change code: I/O code:				F	Passive	error messa	ges			
Measurement date: Results file name: Inspection number:	19. 10. 08 11:03:59 9A8L0359. VER				No know Results	n alpha cali	bration			
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	PT8 201910 XXXX Pu 0.000 Verification Review disk file On						Sing Doub Trip Scale Scale	les: les: r 1:	47. 237 + 0. 007 + 0. 000 + 244. 544 + 0. 000 +	- 0. 030 - 0. 000 - 0. 511
QC tests: Error calculation: Accidentals method:	Sample method Measured			F	Passive	cycle raw d	ata			
Inspector name: Passive comment:	measureu			C	Cycle 1 2	Singles 2762 2861	R+A 10 8	A 5 7	Scaler1 14465 14636	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default C0 0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.01.01 0.0000 +- 0.0000	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.10.08 0.0000 +-	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	F	3 4 5 6 7 8 9	2836 2912 2866 2851 2745 2846 2829	9 1 11 10 5 13 9	11 13 5 5 5 12 9	14729 14649 14739 14670 14655 14732 14779	O Pass
Am date:	00. 01. 01	19. 10. 08	0. 0000		Cycle	Singles 46,033	Doub I		Triples 0.000	Mass QC Tests 0,000 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000				1 2 3 4 5 6 7 8 9	40, 033 47, 683 47, 267 48, 533 47, 767 47, 517 45, 750 47, 433 47, 150	0. C -0. C -0. 2 0. 1 0. C 0. C	117 133 100 00 00 183 100 117	0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000	0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass
Normalization constant:	1.0000 +- 0.0000									
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 + 0.000 0.000 + 0.000									
	(1)								(2)	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                    Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                          0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                       0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                             PFPF
JM2G
JSR_02
JSR_02
                                                                                                                                                                                                                                                                                     Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                                       Number passive cycles:
                                                                                                                                                                                                                                                                                                   Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                  Passive error messages
                                                              19. 10. 08 11:26:05
9A8L2605. VER
                                                                                                                                                                                                                                                                                  No known alpha calibration
             Results
                                                              PT9 201910
                                                                                                                                                                                                                                                                                                                                              Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                         157, 500 +-
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                             0.360
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                           0. 105 +-
0. 000 +-
99. 553 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                             0. 104
0. 000
0. 441
0. 000
                                                              Sample method
Measured
                                                                                                                                                                                                                                                                                  Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                                Singles
9391
9444
9412
                                                                                                                                                                                                                                                                                                                                      R+A
89
74
102
                                                                                                                                                                                                                                                                                                                                                                                       Scaler1
5858
5917
6104
                                                                                                                                                                                                                                                                                  Cycle
                                                                                                                                                                                                                                                                                                                                                                        77
77
82
                         Isotopics id: Default
                                                              0. 0000 +-
0. 0000 +-
100. 0000 +-
0. 0000 +-
0. 0000 +-
                                                                                                                                                                                                                                                                                                                                                                                             6089
5904
5999
5898
5965
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                            9338
9474
9429
9433
                                                                                                                                                                                                                                                                                                                                          95
94
111
115
123
92
100
                                                                                                                                                                                                                                                                                                                                                                     86
94
90
139
77
100
110
                                                                                                                                                                                                                                                                                                                                                                                                                               0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                         0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
                                                                                                                                                                                                                                                                                       8
9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                             9505
                                           Pu242:
                                                                                                                                                                                                                                                                                                             9487
                                                                                                                                                                                                                                                                                                                                                                                              5956
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                         19. 10. 08
0. 0000 +-
19. 10. 08
                                                                                                                                                                                                                                                                                                             9587
                                                                                                                                                                                                                                                                                                                                                                                              6042
                                                                                                0.0000
                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                  Passive cycle rate data
                                                               1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                            Singles
156.517
                                                                                                                                                                                                                                                                                                                                              Doubles
0, 200
-0, 050
0, 333
0, 150
0, 000
0, 350
-0, 400
0, 767
-0, 133
-0, 167
                                                                                                                                                                                                                                                                                  Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                        Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                             157. 400
156. 867
155. 633
157. 900
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                            157. 150
157. 217
158. 417
158. 117
159. 783
                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                         6
7
                                                                        1.0000 +-
 Normalization constant:
                                                                                                        0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                            (2)
```

201910_AFAS-P Top Fork_Position10.txt							20191	0_AFAS-	P Top Fork_F	Position10.txt
INCC 5. 1. 2					Passi	ve triples bk ve scaler1 bk	grnd: 0.	000 +- 000	0.000	
Facility: Material balance area: Detector type:	PFPF JM2G JSR_02					ve scaler2 bk er passive cy		10		
Detector id: Electronics id: Inventory change code:	JSR_02 JSR-12				Passiv	Count time (/	60		
I/O code: Measurement date:	19. 10. 08 13:15:33					wn alpha cali	-			
Results file name: Inspection number:	9A8N1533. VER				Result	s				
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: OC tests:	PTIO 201910 XXXX Pu 0.000 Verification Review disk file On						Single Double Triple Scaler Scaler	s: s: 1:	95. 323 -0. 005 0. 000 81. 012 0. 000	← 0.042 ← 0.000 ← 0.495
Error calculation: Accidentals method:	Sample method Measured				Passiv	e cycle raw d	lata			
Inspector name: Passive comment:	measureu				Cycle 1 2	Singles 5724 5637	R+A 40 31	A 31 37	Scaler1 4717 5000	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 00.01.01 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.10.08 0.0000 +- 19.10.08	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000		3 4 5 6 7 8 9	5637 5686 5713 5620 5711 5823 5723 5742 5815	41 31 41 27 45 33 31 35	37 51 32 34 37 32 34 30 40	4793 4844 4963 4957 4833 4902 4751 4847	O Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001				Cycle 1 2 3 4 5 6 7 8 9 10	Singles 95. 400 93. 950 94. 767 95. 217 93. 667 95. 183 97. 050 95. 383 95. 700 96. 917	Doubles 0. 150 -0. 100 -0. 161 -0. 017 0. 117 -0. 165 0. 217 -0. 017 -0. 017 -0. 083		Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1. 0000 +- 0. 0000 0. 000 +- 0. 000)								
Passive doubles bkgrnd:	0.000 ← 0.000 (1)								(2)	

201911_AFAS-B Bottom Fork_Position1.txt

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                     Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                          0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                      Passive scaler2 bkgrnd
                                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                                        Number passive cycles:
                                                                                                                                                                                                                                                                                                    Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                   Passive error messages
                                                              19.11.06 09:08:51
9B6J0851.VER
                                                                                                                                                                                                                                                                                   No known alpha calibration
             Results
                                                              BB1 201911
                                                                                                                                                                                                                                                                                                                                                Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                             40.963 +-
                                                                                                                                                                                                                                                                                                                                                                                                                               0.216
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                           -0. 022 +-
0. 000 +-
102. 168 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                               0. 022
0. 000
0. 207
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                   Passive cycle raw data
                                                                                                                                                                                                                                                                                                      Singles
2400
2418
2447
                                                                                                                                                                                                                                                                                                                                                                                        Scaler1
6086
6096
6100
                                                                                                                                                                                                                                                                                                                                                                                                                   Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                    Cycle
                          Isotopics id:
                                                              Default
                                                              0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                              2520
2421
2467
2472
                                                                                                                                                                                                                                                                                                                                                                                               6105
6187
6171
6193
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                                 0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
10.11.00
                                                                                                                                                           0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                         6
10
5
11
5
                                                                                                                                                                                                                                                                                                                                                                                              6129
6117
6117
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
                                                                                                                                                                                                                                                                                         8
9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                              2523
                                           Pu242:
                                                                                                                                                                                                                                                                                                              2468
2442
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000
00. 01. 01
                                                                                                                         19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                 0.0000
                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                   Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                              Singles
                                                                                                                                                                                                                                                                                                                                                Doubles
-0.033
-0.050
-0.083
0.017
-0.100
0.117
-0.067
0.017
-0.083
0.050
                                                                                                                                                                                                                                                                                                                                                                                   Triples
                                                                                                                                                                                                                                                                                   Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                          Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                 40,000
                                                                 64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                               40. 000
40. 300
40. 783
42. 000
40. 350
41. 117
41. 200
                                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                          6
7
                                                                                                                                                                                                                                                                                                                 41. 200
42. 050
41. 133
40. 700
                                                                        1.0000 +-
                                                                                                         0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                              (2)
```

	201911_AFAS-B Bottom Fork_Position2.txt			20191	1_AFAS-B	Bottom Fork	_Position2.txt
INCC 5. 1. 2	May	Passiv	e triples bkg e scaler1 bkg	grnd:	0. 000 +- 0. 000	0.000	
Facility: Material balance area: Detector type:	JMOX JM2G AFAS		e scaler2 bkg r passive cyc		0. 000		
Detector id: Electronics id:	JSR_02 JSR-12		Count time (s	sec):	60		
Inventory change code: I/O code: Measurement date:	19.11.06 09:25:56		error messag m alpha calib	•			
Results file name: Inspection number:	9B6J2556. VER	Results	•	or action			
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	BB2 201911 XXXX Pu 0.000 Verification Review disk file On			Sing Doub Trip Scale Scale	les: les: r 1:	62. 118 · 0. 022 · 0. 000 · 172. 450 · 0. 000 ·	← 0.027 ← 0.000 ← 0.744
Error calculation: Accidentals method:	Sample method Measured		cycle raw da			0 1 4	0 1 0 00 7 1
Inspector name: Passive comment:		Cycle 1 2	3727 3742	R+A 16 14	A 15 13	Scaler1 10263 10356	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default 0D 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 00.1.01 19.11.06 0.0000 0.0000 ← 0.0000 ← 0.0000 0.01.01 19.11.06 0.0000 0.01.01 19.11.06 0.0000	3 4 5 6 7 8 9	3649 3715 3668 3793 3753 3690 3784 3750	18 13 13 11 10 22 16 16	17 11 10 16 17 12 8 17	10361 10314 10218 10273 10499 10329 10185 10372	O Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: Normalization constant:	1.50 64.00 64.00 61.00 1720 50.0000 0.0060 0.0000 0.0000 0.0000 0.0000 0.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.0001	Cycle 1 2 3 4 5 6 7 8 9	Singles 62, 117 62, 367 60, 817 61, 917 61, 133 63, 217 62, 550 61, 500 63, 067 62, 500	Doub I	17 17 17 33 50 83 17 67	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000						

201911_AFAS-B Bottom Fork_Position3.txt

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                       Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                                                   0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                                        Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                                                          Number passive cycles:
                                                                                                                                                                                                                                                                                                                        Count time (sec)
                                                                  JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                                     Passive error messages
                                                                  19. 11. 06 09:42:00
9B6J4200. VER
                                                                                                                                                                                                                                                                                                     No known alpha calibration
               Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                                      Results
                                                                  BB3 201911
                                                                                                                                                                                                                                                                                                                                                                      Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                                   233, 438 +-
                                                                  XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.488
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                 Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 025 +-
0. 000 +-
55. 777 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                                          0. 133
0. 000
0. 257
0. 000
                                                                  On
Sample method
Measured
                                                                                                                                                                                                                                                                                                     Passive cycle raw data
                                                                                                                                                                                                                                                                                                                         Singles
13845
14102
13935
                                                                                                                                                                                                                                                                                                                                                             R+A
194
213
230
                                                                                                                                                                                                                                                                                                                                                                                                                 Scaler1
3338
3324
3345
                                                                                                                                                                                                                                                                                                                                                                                                                                             Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                                                                                           A
200
239
191
                                                                                                                                                                                                                                                                                                      Cycle
                           Isotopics id: Default
                                                                  0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                14081
14062
13871
14007
14008
14066
14086
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                                       3345
3346
3294
3329
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                 202
201
238
207
224
222
230
                                                                                                                                                                                                                                                                                                                                                                                              219
197
188
231
224
231
226
                                                                                                                                                                                                                                                                                                                                                                                                                                                            0
0
0
0
0
0
                                                                                                      0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
10.11.00
                                                                                                                                                                      0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                           8
9
10
                                              Pu241:
                                                                                                                                                                                                                                                                                                                                                                                                                        3475
                                              Pu242:
                                                                                                                                                                                                                                                                                                                                                                                                                         3357
3313
                                        Pu242:
Pu date:
Am241:
Am date:
                                                                  00. 01. 01
0. 0000
00. 01. 01
                                                                                                                                 19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                       0.0000
                                                                                                                                                                      0.0000
                                                                                                                                                                                                                                                                                                     Passive cycle rate data
                   Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                                          Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                  Singles
230.750
                                                                          1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                      Doubles
-0.100
-0.433
0.650
-0.283
0.067
0.833
-0.400
0.000
-0.150
0.067
                                                                                                                                                                                                                                                                                                     Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mass QC Tests
0.000 Pass
                                                                     64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                                 230. 750
235. 033
232. 250
234. 683
234. 367
231. 183
233. 450
233. 467
234. 433
234. 767
                                                                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                             6
7
                                                                             1.0000 +-
                                                                                                               0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                             0.000 +-
0.000 +-
                                                                                                                 (1)
                                                                                                                                                                                                                                                                                                                                                                                                                       (2)
```

201911_AFAS-B Bottom Fork_Position4.txt	201911_AFAS-B Bottom Fork_Position4.txt

	201911_AFAS-B Bottom Fork_Position4.txt	201911_AFAS-B Bottom Fork_Position4.txt				
INCC 5.1.2 Facility:		Passive triples bl Passive scaler1 bl Passive scaler2 bl	grnd: 0.000	⊢ 0.000		
Material balance area: Detector type: Detector id:	AFAS JSR_02	Number passive cy Count time				
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messa	iges			
Measurement date: Results file name:	19. 11. 06 09:58:04 9B6J5804. VER	No known alpha cal	bration			
Inspection number: Item id:		Results				
Stratum id: Material type: Original declared mass:	Pu 0. 000		Singles: Doubles: Triples:	896. 635 3. 632 0. 000	+- 0. 312 +- 0. 000	
Measurement option: Data source: QC tests:	Review disk file		Scaler 1: Scaler 2:	44. 920 0. 000		
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw o	lata			
Inspector name: Passive comment:		Cycle Singles 1 53664 2 54156	R+A A 3268 310 3372 314		Scaler2 QC Tests 0 Pass 0 Pass	
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241:		3 53446 4 53953 5 53630 6 53978 7 53694 8 53714	3142 300 3261 308 3315 302 3306 308 3332 304 3171 302	4 2657 5 2739 2 2808 9 2734 0 2637	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass	
Pu242: Pu date: Am241:	$\begin{array}{ccccccc} 0.0000 & \leftarrow & 0.0000 & 0.0000 & \leftarrow & 0.0000 \\ 00.01.01 & & 19.11.06 & & & & & & & & & & & & & & & & & & &$	9 53896 10 53850	3290 3020 3313 3050	2619	0 Pass 0 Pass	
Am date:		Passive cycle rate	data			
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient Coedatime: Triples gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0060 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0000 1.0000 1.0000 1.0000	Cycle Singles 1 894, 400 2 902, 600 3 890, 767 4 899, 217 5 893, 833 6 899, 633 7 894, 900 8 895, 233 9 898, 267 10 897, 500	Doub les 2. 683 3. 817 2. 300 2. 933 4. 883 3. 617 4. 867 2. 467 4. 500 4. 250	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass OC Tests 0.000 Pass	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000					

201911_AFAS-B Bottom Fork_Position5.txt

Normalization constant:

Passive singles bkgrnd: Passive doubles bkgrnd: 1.0000 +-

0.000 +-0.000 +- 0.0000

0. 000 0. 000 (1)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                    Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                           0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                        0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                     Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                                       Number passive cycles:
                                                                                                                                                                                                                                                                                                   Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                  Passive error messages
                                                              19.11.06 10:14:08
9B6K1408.VER
                                                                                                                                                                                                                                                                                  No known alpha calibration
             Results
                                                              BB5 201911
                                                                                                                                                                                                                                                                                                                                               Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                      2740, 347 +-
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                             1, 452
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                           30. 292 +-
0. 000 +-
48. 245 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                             1. 312
0. 000
0. 208
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                  Passive cycle raw data
                                                                                                                                                                                                                                                                                                     Singles
164527
164630
164150
                                                                                                                                                                                                                                                                                                                                     R+A
30660
30868
30758
                                                                                                                                                                                                                                                                                                                                                                                       Scaler 1
2915
2872
2806
                                                                                                                                                                                                                                                                                                                                                                                                                 Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                   Cycle
                                                                                                                                                                                                                                                                                                                                                                A
28893
28949
28661
                         Isotopics id: Default
                                                             0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                28790
29012
28776
28810
28899
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                     30136
31038
30820
30517
                                                                                                                                                                                                                                                                                                                                                                                             2942
2897
2933
2890
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                         163864
                                                                                                                                                                                                                                                                                                                                                                                                                               0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                         0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                        164827
164654
164446
164327
164477
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
                                           Pu241:
                                                                                                                                                                                                                                                                                                                                      30367
                                                                                                                                                                                                                                                                                                                                                                                              2868
                                           Pu242:
                                                                                                                                                                                                                                                                                                                                      30882
                                                                                                                                                                                                                                                                                                                                                                 28953
28656
                                                                                                                                                                                                                                                                                                                                                                                              2921
2903
                                     Pu242:
Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000
00. 01. 01
                                                                                                                         19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                                                                                                                                                                                                        10
                                                                                                                                                                                                                                                                                                        164306
                                                                                                0.0000
                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                   Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                              Doubles
29, 450
31, 983
34, 950
22, 433
33, 767
                                                                                                                                                                                                                                                                                                                                                                                 Triples
0.000
0.000
0.000
0.000
0.000
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                          Singles
2742.117
                                                                                                                                                                                                                                                                                  Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                        Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                          2742. 117
2743. 833
2735. 833
2731. 067
2747. 117
2744. 233
2740. 767
2738. 783
2741. 283
2738. 433
                                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                 34. 067
28. 450
24. 467
32. 150
31. 200
                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                         6
7
                                                                                                                                                                                                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                        1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                             (2)
```

	201911_AFAS-B Bottom	Fork_Position6.	xt			201911	I_AFAS-I	B Bottom Forl	k_Position6	. txt
INCC 5.1.2	JMOX			Passiv	e triples bkg e scaler1 bkg e scaler2 bkg	grnd: 0	. 000 +- . 000 . 000	0.000		
Material balance area: Detector type:	JM2G AFAS				r passive cyc		10			
Detector id: Electronics id:	JSR_02 JSR-12				Count time (s	·	60			
Inventory change code: I/O code: Measurement date:	19.11.06 10:29:12				error messag m alpha calib	•				
Results file name: Inspection number:	9B6K2912. VER			Results	•	or action				
Item id: Stratum id: Material type:	BB6 201911 XXXX Pu					Singl Doubl		35. 952 0. 008		
Original declared mass: Measurement option:	0.000 Verification					Tripl Scaler	es:	0. 000 0. 000 2359. 100	+- 0.00	00
Data source: QC tests:	Review disk file On					Scaler	2:	0.000	+- 0.00	00
Error calculation: Accidentals method: Inspector name:	Sample method Measured			Passive Cycle	cycle raw da Singles	ata R+A	Α	Scaler1	Scaler2	QC Tests
Passive comment:				1 2	2243 2202	4 3	3 6	141619 141746	0	Pass Pass
Isotopics id: Isotopics source code:	Default OD	0.0000	0.0000	3 4 5	2141 2170	2 6 6	1 6 3	142069 141431	0	Pass Pass
Pu238 : Pu239 : Pu240 :	0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000	0.0000 +-	0.0000 0.0000 0.0000	6 7	2092 2190 2162	6	4 5	141354 141871 141571	0	Pass Pass Pass
Pu241: Pu242:	0.0000 +- 0.0000 0.0000 +- 0.0000	0.0000 +-	0.0000 0.0000	8 9	2110 2183	5 3	5 2	141526 141544	0	Pass Pass
Pu date: Am241: Am date:	00. 01. 01 0. 0000 +- 0. 0000 00. 01. 01	19. 11. 06 0. 0000 +- 19. 11. 06	0.0000	10 Passive	2078 cvcle rate o	8 Hata	6	140729	0	Pass
Predelay:	1. 50	10.11.00		Cycle	Singles	Double	s	Triples	Mass	QC Tests
Gate length: 2nd gate length:	64. 00 64. 00 1720			1 2 3	37. 383 36. 700 35. 683	0. 01 -0. 05 0. 01	0	0. 000 0. 000 0. 000	0. 000 0. 000 0. 000	Pass Pass Pass
High voltage: Die away time: Efficiency:	50. 0000 0. 0060			3 4 5	36. 167 34. 867	0. 01 0. 00 0. 05	0	0. 000 0. 000 0. 000	0. 000 0. 000 0. 000	Pass Pass Pass
Multiplicity deadtime: Coefficient A deadtime:	0. 0000 0. 0000			6 7 8	36. 500 36. 033	0. 03 -0. 03	3	0. 000 0. 000	0. 000 0. 000	Pass Pass
Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0. 0000 0. 0000 0. 0001 0. 0001			9 10	35. 167 36. 383 34. 633	0. 00 0. 01 0. 03	7	0. 000 0. 000 0. 000	0. 000 0. 000 0. 000	Pass Pass Pass

201911_AFAS-B Bottom Fork_Position7.txt

```
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                      0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                                                   0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                                                                                      0.000
                                                                                                                                                                                                                                                                                   Number passive cycles:
                                                                                                                                                                                                                                                                                               Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                              Passive error messages
                                                             19. 11. 06 10:46:17
9B6K4617. VER
                                                                                                                                                                                                                                                                              No known alpha calibration
              Results
                                                             BB7 201911
                                                                                                                                                                                                                                                                                                                                          Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                      32.388 +-
                                                                                                                                                                                                                                                                                                                                                                                                                        0.229
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                   0.005 +-
0.000 +-
807.965 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                        0. 020
0. 000
1. 160
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                              Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                           Singles
1973
1894
1922
                                                                                                                                                                                                                                                                                                                                                                                  Scaler1
48651
48622
48192
                                                                                                                                                                                                                                                                               Cycle
                         Isotopics id: Default
                                                             0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                      48201
48699
48320
48745
                                                                                                                                                                                                                                                                                                          1978
                                                                                                                                                                                                                                                                                                                                                                                                                          0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
10.11.00
                                                                                                                                                         0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                          1882
2024
1940
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
                                                                                                                                                                                                                                                                                    8
9
10
                                          Pu241:
                                                                                                                                                                                                                                                                                                          1965
                                                                                                                                                                                                                                                                                                                                                                                      48578
                                          Pu242:
                                                                                                                                                                                                                                                                                                          1948
                                                                                                                                                                                                                                                                                                                                                                                      48551
                                     Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000
00. 01. 01
                                                                                                                       19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                                                                                                                                                                                                                         1907
                                                                                                                                                                                                                                                                                                                                                                                      48220
                                                                                               0.0000
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                               Passive cycle rate data
                                                               1. 50
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                           Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                          Doubles
-0. 033
0. 017
0. 150
0. 033
0. 017
                                                                                                                                                                                                                                                                                                         Singles
                                                                                                                                                                                                                                                                                                                                                                                                                  Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                              Cvcle
                                                                                                                                                                                                                                                                                                           32, 883
                                                                                                                                                                                                                                                                                                           31. 567
32. 033
32. 967
31. 367
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                          31. 367
33. 733
32. 333
32. 750
32. 467
31. 783
                                                                                                                                                                                                                                                                                                                                              0. 017
0. 000
-0. 067
-0. 050
-0. 050
0. 033
                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                     6
7
                                                                       1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                        (2)
```

	201911_AFAS-B Bottom Fork_Position8.txt	201911_AFAS-B Bottom Fork_Position8.txt
INCC 5. 1. 2	May	Passive triples bkgrnd: 0.000 +- 0.000 Passive scaler1 bkgrnd: 0.000
Facility: Material balance area: Detector type:	JM2G	Passive scaler2 bkgrnd: 0.000 Number passive cycles: 10
Detector id: Electronics id:	JSR_02	Count time (sec): 60
Inventory change code: I/O code: Measurement date:	19.11.06 11:02:22	Passive error messages No known alpha calibration
Results file name: Inspection number:	9B6L0222. VER	Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification	Singles: 45.807 ← 0.176 Doubles: 0.028 ← 0.015 Triples: 0.000 ← 0.000 Scaler 1: 239.128 ← 0.560 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	On Sample method	Passive cycle raw data
Inspector name: Passive comment:	muasur eu	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 2719 8 7 14322 0 Pass 2 2708 7 9 14546 0 Pass
Isotopics id: Isotopics source code: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	$\begin{array}{llllllllllllllllllllllllllllllllllll$	2 2/08 / 9 14940 U rass 3 2764 7 7 14366 O Pass 4 2786 8 6 14193 O Pass 5 2738 6 8 14391 O Pass 6 2716 9 9 14212 O Pass 7 2815 8 3 14264 O Pass 8 2736 9 6 14362 O Pass 9 2744 10 3 14378 O Pass 10 2758 13 10 14443 O Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0060 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	Cycle Singles Doubles Triples Mass QC Tests 1 45,317 0.017 0.000 0.000 Pass 2 45,133 -0.033 0.000 0.000 Pass 3 46.067 0.000 0.000 0.000 Pass 4 46.433 0.033 0.000 0.000 0.000 Pass 5 45,633 -0.033 0.000 0.000 0.000 Pass 6 45,267 0.000 0.000 0.000 Pass 7 46.917 0.083 0.000 0.000 Pass 8 45,600 0.050 0.000 0.000 Pass 9 45,733 0.117 0.000 0.000 Pass 10 45,967 0.050 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 ÷ 0.0000 0.000 ÷ 0.000	
Passive doubles bkgrnd:	0.000 +- 0.000	(2)
	(1)	(2)

201911_AFAS-B Bottom Fork_Position9.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                   0.000 +-
0.000
                                                                                                                                                                                                                                        Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                            0.000
   Facility:
Material balance area:
Detector type:
Detector id:
                                                                                                                                                                                                                                        Passive scaler2 bkgrnd
                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                          Number passive cycles:
                                                                                                                                                                                                                                                    Count time (sec)
                 Electronics id:
                                                    JSR-12
   Inventory change code:

1/0 code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                      Passive error messages
                                                    19. 11. 06 11:18:26
9B6L1826. VER
                                                                                                                                                                                                                                      No known alpha calibration
                                                                                                                                                                                                                                      Results
            Inspection number
                                                    BB9 201911
                      Item id:
Stratum id:
                                                                                                                                                                                                                                                                                                                             155, 142 +-
                                                    XXXX
                                                                                                                                                                                                                                                                                           Singles:
                                                                                                                                                                                                                                                                                                                                                           0.520
                                                    Pu
0.000
Verification
Review disk file
 Material type:
Original declared mass:
Measurement option:
Data source:
                                                                                                                                                                                                                                                                                         Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                              0. 128 +-
0. 000 +-
97. 427 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                           0. 095
0. 000
0. 402
                                                                                                                                                                                                                                                                                                                                                           0.000
                             QC tests:
                                                    0n
         Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                    Sample method
Measured
                                                                                                                                                                                                                                      Passive cycle raw data
                                                                                                                                                                                                                                                                                 R+A
101
108
90
99
86
106
121
102
                                                                                                                                                                                                                                                                                                         A
107
sç
                                                                                                                                                                                                                                                                                                                           Scaler 1
5878
5690
5900
                                                                                                                                                                                                                                                                                                                                                 Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                      Cycle
                                                                                                                                                                                                                                                             9319
                                                                                                                                                                                                                                                                                                              69
88
                     Isotopics id:
                                                    Default
                                                                                                                                                                                                                                                             9354
   Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                    0D

0.0000 +-

0.0000 +-

100.0000 +-
                                                                                                                                                                                                                                                                                                                                5844
5777
5890
5807
                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                             9351
                                                                                                                                                                                                                                                                                                            105
84
113
80
91
97
                                                                                                                                                                                                                                                                                                                                                             0 0 0 0 0 0
                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                0.0000
0.0000
0.0000
                                                                                                                                  0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
                                    Pu241:
                                                        0.0000 +-
0.0000 +-
                                                                                 0.0000
0.0000
                                                                                                                                  0.0000
0.0000
                                                                                                                                                                                                                                            8
                                                                                                                                                                                                                                                             9393
                                                                                                                                                                                                                                                                                                                                 5924
                                    Pu242:
                                                                                                                                                                                                                                                             9079
                                                                                                                                                                                                                                                                                                                                 5937
                               Pu date:
Am241:
Am date:
                                                    00. 01. 01
0. 0000
00. 01. 01
                                                                                                                                                                                                                                           10
                                                                                                                                                                                                                                                             9267
                                                                                                                                                                                                                                                                                                                                 5809
                                                                                                     0.0000 +-
19.11.06
                                                                                 0.0000
                                                                                                                                  0.0000
                                                                                                                                                                                                                                      Passive cycle rate data
                             Predelay:
                                                          1.50
64.00
                                                                                                                                                                                                                                                             Singles
                                                                                                                                                                                                                                      Cvcle
                                                                                                                                                                                                                                                                                                                      Triples
                                                                                                                                                                                                                                                                                                                                                         Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                         Doubles |
               Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                            -0. 100
0. 650
0. 033
-0. 100
0. 033
                                                                                                                                                                                                                                                             154, 167
                                                                                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                                                                                                       0.000
                                                      64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
                                                                                                                                                                                                                                                             155. 317
155. 900
155. 850
156. 450
                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                            -0. 117
0. 683
0. 183
-0. 100
0. 117
                                                                                                                                                                                                                                            6
                                                                                                                                                                                                                                                             156. 900
154. 517
                                                                                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                                                                                                                     Pass
                                                            0.0000
                                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                                                                                                                     Pass
                                                            0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                             154. 517
156. 550
151. 317
154. 450
                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
 Normalization constant:
                                                            1.0000 +-
                                                                                       0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                             0.000 +-
0.000 +-
                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                (2)
```

	201911_AFAS-B Bottom Fork_Position10.txt	201911_AFAS-B Bottom Fork_Position10.txt				
INCC 5. 1. 2		Passive triples bkgrnd: Passive scaler1 bkgrnd:	0.000 +- 0.000	0. 000		
Facility:		Passive scaler2 bkgrnd:	0.000			
Material balance area:						
Detector type:	AFAS	Number passive cycles:	10			
Detector id:	JSR_02	Count time (sec):	60			
Electronics id:	JSR-12					
Inventory change code:		Passive error messages				
I/O code:						
Measurement date:	19. 11. 06 13:14:57	No known alpha calibratio	n			
Results file name:	9B6N1457, VER					
Inspection number:		Results				

Results BB10 201911 XXXX Pu 0. 000

Singles: Doubles: Triples: 92. 990 +--0. 013 +-0. 000 +-78. 823 +-0. 181 0. 028 0. 000 0. 446 Scaler 1: Scaler 2: 0.000 +-0.000 Passive cycle raw data

Cuala Cinala

Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	5624	33	29	4697	0	Pass
2	5508	25	30	4732	0	Pass
3	5558	33	40	4630	0	Pass
4	5560	29	30	4697	0	Pass
5	5571	37	39	4702	0	Pass
6	5591	28	30	4606	0	Pass
7	5589	27	36	4796	0	Pass
8	5628	42	35	4852	0	Pass
9	5581	35	32	4860	0	Pass
10	5584	29	25	4722	0	Pass

Passive cycle rate data

Cycle	Singles	Doub I es	Triples	Mass	QC Tests
1	93. 733	0.067	0.000	0.000	Pass
2	91.800	-0. 083	0.000	0.000	Pass
3	92.633	-0. 117	0.000	0.000	Pass
4	92.667	-0. 017	0.000	0.000	Pass
5	92. 850	-0. 033	0.000	0.000	Pass
6	93. 183	-0. 033	0.000	0.000	Pass
7	93. 150	-0. 150	0.000	0.000	Pass
8	93.800	0. 117	0.000	0.000	Pass
9	93.017	0.050	0.000	0.000	Pass
10	93.067	0.067	0.000	0.000	Pass

(2)

0. 000 0. 000

0.000 +-0.000 +-

Inspection number.
Item id:
Stratum id:
Material type:
Original declared mass:

Measurement option:
Data source:
QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:

Passive comment:

Pu240:

Pu241 Pu241: Pu242: Pu date: Am241:

Am date:

Predelay:

Efficiency

Gate length: 2nd gate length: High voltage: Die away time:

Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:

Normalization constant:

Passive singles bkgrnd: Passive doubles bkgrnd:

Isotopics id: Isotopics source code: Pu238: Pu239:

Verification Review disk file On Sample method Measured

Default OD 0.0000 +-0.0000 +-100.0000 +-

0.0000 +-0.0000 +-0.0000 +-00.01.01 0.0000 +-00.01.01

1.50

64. 00 64. 00 1720 50. 0000

0.0060 0.0000

0. 0000 0. 0000 0. 0000 0. 0001 0.0001

1.0000 +-

0.0000 0.0000

0.0000

0.0000

0.0000

0.0000 +-0.0000 +-100.0000 +-

0.0000 +-0.0000 +-0.0000 +-19.11.06 0.0000 +-19.11.06

0.0000 0.0000

0.0000 0.0000

0.0000 0.0000

(1)

0.0000

添付-243

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                  Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                     0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                  Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                                                     Number passive cycles:
                                                                                                                                                                                                                                                                                                 Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                Passive error messages
                                                             19. 11. 06 09:08:52
9B6J0852. VER
                                                                                                                                                                                                                                                                                Known alpha analysis error
              Results
                                                             BC1 201911
XXXX
                                                                                                                                                                                                                                                                                                                                            Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                    1360, 053 +-
                                                                                                                                                                                                                                                                                                                                                                                                                          1. 288
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                    8. 342 +-
0. 000 +-
2627. 558 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                          0. 665
0. 000
2. 340
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                                Passive cycle raw data
                                                                                                                                                                                                                                                                                                  Singles
81807
81257
81944
                                                                                                                                                                                                                                                                                                                                   R+A
7666
7411
7709
                                                                                                                                                                                                                                                                                                                                                                                    Scaler 1
157760
157979
157799
                                                                                                                                                                                                                                                                                                                                                                                                              Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                Cycle
                                                                                                                                                                                                                                                                                                                                                               A
7195
7132
7216
                         Isotopics id: Default
                                                            0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                    7516
7615
7578
7677
                                                                                                                                                                                                                                                                                                                                                                6993
6869
7151
7131
                                                                                                                                                                                                                                                                                                                                                                                      157618
157256
158119
157813
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                         81357
                                                                                                                                                                                                                                                                                                                                                                                                                            0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
10.11.00
                                                                                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                        81286
81542
81680
                                                                                                                                                                                                                                                                                                                                                                7004
7037
7162
                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
                                                                                                                                                                                                                                                                                     8
9
10
                                          Pu241:
                                                                                                                                                                                                                                                                                                         81557
                                                                                                                                                                                                                                                                                                                                     7624
                                                                                                                                                                                                                                                                                                                                                                                       157521
                                          Pu242:
                                                                                                                                                                                                                                                                                                         81530
                                                                                                                                                                                                                                                                                                                                     7536
7559
                                                                                                                                                                                                                                                                                                                                                                                       156623
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                        19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                                                                                                                                                                                                                         81894
                                                                                                                                                                                                                                                                                                                                                                                       158047
                                                                                               0.0000
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                                Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                           Doubles
7. 857
4. 654
8. 224
8. 724
12. 444
7. 123
9. 108
                                                                                                                                                                                                                                                                                                         Singles
1363.748
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                              Triples
                                                                                                                                                                                                                                                                                                                                                                                                                    Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                Cvcle
                                                                                                                                                                                                                                                                                                                                                                                  0.000
0.000
0.000
0.000
0.000
                                                                64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                        1363. 748
1354. 578
1366. 033
1356. 245
1355. 061
1359. 330
                                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                       6
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
                                                                                                                                                                                                                                                                                                         1361 631
                                                                                                                                                                                                                                                                                                         1359, 580
1359, 130
1365, 199
                                                                                                                                                                                                                                                                                                                                               9. 106
10. 342
8. 324
6. 622
                                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                         (2)
```

	201911_AFAS-B Collar_Position2.txt	201911_AFAS-B Collar_Position2.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JSR_01	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:	03N 12	Passive error messages
Measurement date: Results file name: Inspection number:	19.11.06 09:25:57 9B6J2557. VER	Known alpha analysis error Results
Item id: Stratum id:	XXXX	Singles: 3631.946 +- 2.112
Material type: Original declared mass: Measurement option: Data source: QC tests:	Pu 0.000 Verification Review disk file On	Doubles: 57, 758 ← 1, 499 Triples: 0.000 ← 0.000 Scaler 1: 646, 707 ← 1. 402 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 217200 53497 50536 39009 0 Pass 2 218444 54624 51054 39197 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	0D	3 217506 54199 50745 38624 0 Pass 4 217726 53979 50822 38870 0 Pass 5 217676 53839 50304 38434 0 Pass 6 217523 54120 50672 36680 0 Pass 7 217631 54007 50473 39075 0 Pass 8 218352 54600 50839 38398 0 Pass 9 218167 54230 50339 38919 0 Pass 10 217673 54146 50343 38818 0 Pass
Am date.	00. 01. 01 19. 11. 06 1. 50	Passive cycle rate data Cycle Singles Doubles Triples Mass QC Tests
Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.30 64.00 64.00 1720 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.0000	1 3622 105 49 465 0 000 0 000 Pass 2 3642 862 59 639 0 000 0 000 Pass 3 3627 211 57 701 0 000 0 000 Pass 4 3630 882 52 739 0 000 0 000 Pass 5 3630 047 59 054 0 000 0 000 Pass 6 3627 494 57 601 0 000 0 000 Pass 7 3629 296 59 037 0 000 0 000 Pass 8 3641 327 53 809 0 000 0 000 Pass 9 3638 240 65 002 0 000 0 000 Pass 10 3629 997 63 531 0 0 0 0 0 0 0 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000	
	(1)	(2)

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                   0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                 Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                      0.000
                                                                                                                                                                                                                                                                                   Number passive cycles:
                                                                                                                                                                                                                                                                                               Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                              Passive error messages
                                                             19. 11. 06 09:42:01
9B6J4201. VER
                                                                                                                                                                                                                                                                               Known alpha analysis error
             Results
                                                             BC3 201911
                                                                                                                                                                                                                                                                                                                                          Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                               50497, 518 +-
                                                                                                                                                                                                                                                                                                                                                                                                                      11, 245
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                               10889. 592 +-
0. 000 +-
161. 730 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                     40. 004
0. 000
0. 533
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                              Passive cycle raw data
                                                                                                                                                                                                                                                                                                 Singles
3003506
                                                                                                                                                                                                                                                                                                                          R+A
10254052
10265533
10266927
                                                                                                                                                                                                                                                                                                                                                                                 Scaler1
9678
9816
9561
                                                                                                                                                                                                                                                                                                                                                                                                           Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                               Cycle
                                                                                                                                                                                                                                                                                                                                                      A
9622697
                                                                                                                                                                                                                                                                                                                                                       9636546
9639838
                                                                                                                                                                                                                                                                                                 3005299
3005458
                        Isotopics id: Default
                                                            0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                      9639838
9643462
9617633
9645376
9615125
9645303
9643947
9651449
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                 3007426
3002572
3006536
3001848
                                                                                                                                                                                                                                                                                                                          10266276
10258810
10275366
10242411
                                                                                                                                                                                                                                                                                                                                                                                       9718
9727
9883
9585
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                         0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                       0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                         10289342
10267265
10280777
                                                                                                                                                                                                                                                                                                                                                                                       9686
9618
9766
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
                                                                                                                                                                                                                                                                                    8
9
10
                                          Pu241:
                                                                                                                                                                                                                                                                                                 3007678
                                          Pu242:
                                                                                                                                                                                                                                                                                                 3006238
3007439
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                       19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                               0.0000
                                                                                                                                                        0.0000
                                                                                                                                                                                                                                                                              Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                           Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                   Singles
50465, 435
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                              Cvcle
                                                                                                                                                                                                                                                                                                                                      Doubles
10868, 996
                                                                                                                                                                                                                                                                                                                                                                                                                  Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                    50495. 807
50498. 501
50531. 838
50449. 614
                                                                                                                                                                                                                                                                                                                                      10828. 441
10795. 785
11066. 738
11037. 973
                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                     6
7
                                                                                                                                                                                                                                                                                                    50516, 761
                                                                                                                                                                                                                                                                                                                                       10845. 854
10798. 752
                                                                                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                                   50437. 350
50536. 106
50511. 713
50532. 058
                                                                                                                                                                                                                                                                                                                                      10796, 752
11087, 859
10730, 955
10834, 564
                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
 Normalization constant:
                                                                                                      0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                       (2)
```

	201911_AFAS-B Collar_Position4.txt	201911_AFAS-B Collar_Position4.txt
INCC 5.1.2	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area:	JM2G	v
Detector type: Detector id:		Number passive cycles: 10 Count time (sec): 60
Electronics id:		·
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name:	19.11.06 09:58:05 9B6J5805.VER	Known alpha analysis error
Inspection number:		Results
Item id: Stratum id:		Singles: 6492,202 +- 1,936
Material type:	Pu	Doubles: 180.137 + 2.821
Original declared mass: Measurement option:		Triples: 0.000 ← 0.000 Scaler 1: 55.298 ← 0.262
Data source:		Scaler 2: 0.000 + 0.000
QC tests:		
Error calculation: Accidentals method:		Passive cycle raw data
Inspector name:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests
Passive comment:		1 388957 171657 161235 3382 0 Pass 2 389423 172564 161702 3223 0 Pass
Isotopics id:	Default	3 388895 171529 160703 3290 0 Pass
Isotopics source code:	OD	4 389380 172242 161754 3313 0 Pass
Pu238: Pu239:	0.0000 +- 0.0000	5 389412 173551 161865 3315 0 Pass 6 389338 171973 161443 3334 0 Pass
Pu240:	100.0000 +- 0.0000 100.0000 +- 0.0000	7 388739 171533 161276 3353 0 Pass
Pu241:	0.0000 +- 0.0000	8 388414 171366 161158 3361 0 Pass
Pu242: Pu date:	0.0000 +- 0.0000	9 389144 172410 161752 3256 0 Pass 10 389563 173506 161810 3352 0 Pass
Am241:	0.0000 +- 0.0000	10 000000 170000 101010 0002 0 1400
Am date:	00. 01. 01 19. 11. 06	Passive cycle rate data
Predelay:	1.50	Cycle Singles Doubles Triples Mass QC Tests
Gate length: 2nd gate length:	64. 00 64. 00	1 6489.371 174.425 0.000 0.000 Pass 2 6497.154 181.790 0.000 0.000 Pass
High voltage:	1720	3 6488. 336 181. 186 0. 000 0. 000 Pass
Die away time:	50. 0000	4 6496. 436 175. 530 0. 000 0. 000 Pass
Efficiency: Multiplicity deadtime:	0. 1970 160. 0000	5 6496. 970 195. 581 0. 000 0. 000 Pass 6 6495. 734 176. 233 0. 000 0. 000 Pass
Coefficient A deadtime:	0. 6419	7 6485. 730 171. 663 0. 000 0. 000 Pass
Coefficient B deadtime:	0. 1030	8 6480. 302 170. 843 0. 000 0. 000 Pass
Coefficient C deadtime:	0.0000	9 6492.494 178.375 0.000 0.000 Pass 10 6499.492 195.748 0.000 0.000 Pass
Doubles gate fraction: Triples gate fraction:	0. 0001 0. 0001	10 6499. 492 195. 748 0. 000 0. 000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd:	0.000 + 0.000	
Passive doubles bkgrnd:	0.000 + 0.000	

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                         Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                                0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                          Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                                            Number passive cycles:
                                                                                                                                                                                                                                                                                                         Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                       Passive error messages
                                                               19.11.06 10:14:09
9B6K1409. VER
                                                                                                                                                                                                                                                                                        Known alpha analysis error
              Results
                                                               BC5 201911
                                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                               XXXX
                                                                                                                                                                                                                                                                                                                                                                                             2695, 446 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                     1. 235
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                  30. 570 +-
0. 000 +-
48. 150 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                     1. 274
0. 000
0. 255
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                       Passive cycle raw data
                                                                                                                                                                                                                                                                                                          Singles
161399
161734
161857
                                                                                                                                                                                                                                                                                                                                           R+A
29700
29700
29857
                                                                                                                                                                                                                                                                                                                                                                                              Scaler 1
2903
2833
2945
                                                                                                                                                                                                                                                                                                                                                                                                                         Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                        Cycle
                                                                                                                                                                                                                                                                                                                                                                       A
27921
28224
27840
                         Isotopics id: Default
                                                              0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                       28013
27843
27742
28238
27690
27777
27662
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                              161874
161528
161438
161775
                                                                                                                                                                                                                                                                                                                                           30014
29729
29865
29603
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                     2888
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0
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0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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2910
2856
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161778
161252
                                                                                                                                                                                                                                                                                                                                           29612
29561
29619
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
                                            Pu241:
                                                                                                                                                                                                                                                                                                                                                                                                     2878
                                            Pu242:
                                                                                                                                                                                                                                                                                                                                                                                                     2975
2888
                                     Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                           19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                                                                                                                                                                                                             10
                                                                                                  0.0000
                                                                                                                                                              0.0000
                                                                                                                                                                                                                                                                                       Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                       Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                Singles
2691.145
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                                                    Doubles
29. 701
24. 643
33. 675
33. 408
31. 488
35. 445
22. 789
32. 089
29. 785
32. 673
                                                                                                                                                                                                                                                                                                                                                                                                                               Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                       Cvcle
                                                                  64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                                 2696. 733
2698. 785
2699. 069
2693. 297
                                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
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Pass
Pass
Pass
Pass
Pass
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7
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2697. 417
                                                                                                                                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                                                                2700. 053
2697. 467
2688. 693
                                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                         1.0000 +-
                                                                                                         0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.000 +-
0.000 +-
                                                                                                            (1)
                                                                                                                                                                                                                                                                                                                                                                                                    (2)
```

	201911_AFAS-B Collar_Position6.txt	201911_AFAS-B Collar_Position6.txt
INCC 5. 1. 2	NO.	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000
Facility: Material balance area: Detector type:	JM2G	Passive scaler2 bkgrnd: 0.000 Number passive cycles: 10
Detector id: Electronics id:	JSR_01	Count time (sec): 60
Inventory change code: I/O code: Measurement date:	19.11.06 10:29:13	Passive error messages Known alpha analysis error
Results file name: Inspection number:	9B6K2913. VER	Results
Item id: Stratum id: Material type:	XXXX	Singles: 855.109 +- 1.062 Doubles: 3.534 +- 0.351
Original declared mass: Measurement option:	0. 000	Triples: 0.000 + 0.000 Scaler 1: 68.558 + 0.279
Data source: QC tests:	On .	Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method: Inspector name:	Sample method Measured	Passive cycle raw data Cycle Singles R+A A Scaler1 Scaler2 QC Tests
Passive comment:		1 51196 3048 2911 4084 0 Pass 2 51493 3026 2813 4037 0 Pass
Isotopics id: Isotopics source code: Pu238:		3 51137 3028 2830 4131 0 Pass 4 51262 3007 2849 4090 0 Pass 5 51543 3037 2820 4155 0 Pass
Pu239: Pu240:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6 51270 2959 2796 4055 0 Pass 7 51155 3063 2729 4110 0 Pass
Pu241: Pu242: Pu date:	0.0000 \(\rightarrow 0.0000 \) 0.0000	8 50941 3030 2711 4096 0 Pass 9 51494 2999 2782 4210 0 Pass 10 51504 2988 2825 4167 0 Pass
Am241: Am date:	0.0000 +- 0.0000 0.0000 +- 0.0000 00.01.01 19.11.06	Passive cycle rate data
Predelay: Gate length:	1.50 64.00	Cycle Singles Doubles Triples Mass QC Tests 1 853.384 2.285 0.000 0.000 Pass
2nd gate length: High voltage:	64. 00 1720 50. 0000	2 858.335 3.552 0.000 0.000 Pass 3 852.400 3.302 0.000 0.000 Pass 4 854.484 2.635 0.000 0.000 Pass
Die away time: Efficiency: Multiplicity deadtime:	0. 1970 160. 0000	4 854.484 2.635 0.000 0.000 Pass 5 859.168 3.619 0.000 0.000 Pass 6 854.617 2.718 0.000 0.000 Pass
Coefficient A deadtime: Coefficient B deadtime:	0. 6419 0. 1030	7 852.700 5.570 0.000 0.000 Pass 8 849.132 5.320 0.000 0.000 Pass
Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0. 0000 0. 0001 0. 0001	9 858. 352 3. 619 0. 000 0. 000 Pass 10 858. 518 2. 718 0. 000 0. 000 Pass
Normalization constant:	1. 0000 +- 0. 0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 \(\to \) 0.000 0.000 \(\to \) 0.000	
	(1)	(2)

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                  Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                      0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                   Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                                     Number passive cycles:
                                                                                                                                                                                                                                                                                                  Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                Passive error messages
                                                             19. 11. 06 10:46:18
9B6K4618. VER
                                                                                                                                                                                                                                                                                 Known alpha analysis error
              Results
                                                             BC7 201911
                                                                                                                                                                                                                                                                                                                                             Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                     1049.087 +-
                                                                                                                                                                                                                                                                                                                                                                                                                           1.733
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                      5. 067 +-
0. 000 +-
111. 733 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 470
0. 000
0. 357
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                                Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                    R+A
4551
4543
4530
                                                                                                                                                                                                                                                                                                                                                                                     Scaler 1
6835
6766
6654
                                                                                                                                                                                                                                                                                                                                                                                                               Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                 Cycle
                                                                                                                                                                                                                                                                                                                                                                A
4206
4306
4153
4128
4144
4219
4143
4298
4285
4220
                                                                                                                                                                                                                                                                                                         63298
63411
                         Isotopics id: Default
                                                             0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                     4590
4496
4427
4411
4454
    Isotopics source code:
Pu238:
Pu239:
Pu240:
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6600
6659
6702
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                         62836
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0
0
0
0
0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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63056
62623
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Pass
Pass
                                                                                                                                                                                                                                                                                      8
9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                         62431
                                                                                                                                                                                                                                                                                                                                                                                            6737
                                                                                                                                                                                                                                                                                                                                      4594
4544
                                           Pu242:
                                                                                                                                                                                                                                                                                                         63069
                                                                                                                                                                                                                                                                                                                                                                                           6647
6719
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                        19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                                                                                                                                                                                                                         62988
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                              Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                            Doubles
5. 754
3. 953
6. 288
7. 705
5. 871
                                                                                                                                                                                                                                                                                                         Singles
1052, 261
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                                     Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                Cvcle
                                                                64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                         1055. 145
1057. 029
1047. 443
1041. 991
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                 3. 469
4. 470
2. 602
5. 153
5. 404
                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
Pass
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                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
                                                                                                                                                                                                                                                                                                         1043 892
                                                                                                                                                                                                                                                                                                         1043. 892
1040. 690
1051. 327
1049. 977
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                           (2)
```

	201911_AFAS-B Collar_	Position8.txt				201	911_AFAS	S-B Collar_Po	sition8.txt
INCC 5.1.2	JMOX			Passi	ve triples bkg ve scaler1 bkg ve scaler2 bkg	grnd: C	0.000 +- 0.000 0.000	0.000	
Material balance area: Detector type: Detector id:	JM2G AFAS JSR_01				er passive cyc	les:	10 60		
Electronics id: Inventory change code: I/O code:	JSR-12			Passiv	e error messag	ges			
Measurement date: Results file name:	19. 11. 06 11:02:22 9B6L0222, VER			Known	alpha analysis	error			
Inspection number: Item id:	BC8 201911			Result	s				
Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification Review disk file					Singl Doubl Tripl Scaler Scaler	es: es: 1:	609. 686 + 1. 711 + 0. 000 + 44. 387 + 0. 000 +	- 0. 176 - 0. 000 - 0. 270
QC tests: Error calculation: Accidentals method:	On Sample method Measured			Passiv	e cycle raw da	nta			
Inspector name: Passive comment:	measured			Cycle 1 2	Singles 36485 36528	R+A 1544 1469	A 1410 1338	Scaler1 2772 2668	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default 00 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01.01 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.11.06 0.0000 +- 19.11.06	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	3 4 5 6 7 8 9 10	36596 36657 36735 36401 36797 36619 36622 36336	1565 1479 1494 1473 1549 1494 1505 1525	1455 1445 1403 1381 1462 1364 1364 1449	2656 2635 2708 2632 2695 2657 2601 2608	O Pass
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 1720 50. 0000 0. 1970 160. 0000 0. 6419 0. 1030 0. 0000 0. 0001 0. 0001			Cycle 1 2 3 4 5 6 6 7 8 9 10	Singles 608, 143 608, 859 609, 993 611, 010 612, 310 606, 742 613, 344 610, 376 610, 426 605, 659	Double 2. 23 2. 18 1. 83 0. 56 1. 55 1. 45 2. 16 2. 35 1. 26	84 84 67 7 84 61 68	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant:	1.0000 +- 0.0000								
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000								
	(1)							(2)	

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0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                    Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                        0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                    Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                                       Number passive cycles:
                                                                                                                                                                                                                                                                                                   Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                  Passive error messages
                                                              19. 11. 06 11:18:26
9B6L1826. VER
                                                                                                                                                                                                                                                                                  Known alpha analysis error
              Results
                                                              BC9 201911
                                                                                                                                                                                                                                                                                                                                              Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                       1170,030 +-
                                                                                                                                                                                                                                                                                                                                                                                                                             1, 443
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                           5. 933 +-
0. 000 +-
30. 880 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                             0. 649
0. 000
0. 128
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                  Passive cycle raw data
                                                                                                                                                                                                                                                                                                    Singles
70387
                                                                                                                                                                                                                                                                                                                                     R+A
5571
5649
5414
                                                                                                                                                                                                                                                                                                                                                                                       Scaler 1
1843
1803
1834
                                                                                                                                                                                                                                                                                                                                                                                                                 Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                  Cycle
                                                                                                                                                                                                                                                                                                                                                                  A
5210
5170
5331
                                                                                                                                                                                                                                                                                                           70207
                         Isotopics id: Default
                                                                                                                                                                                                                                                                                                           69979
                                                             0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
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5190
5343
5371
5129
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                           70240
70131
70007
70500
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1855
1860
1878
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
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5687
5632
5689
5473
5699
5625
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0
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0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
10.11.00
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0. 0000
0. 0000
0. 0000
0. 0000
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Pass
Pass
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9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                           69605
                                                                                                                                                                                                                                                                                                                                                                                              1867
                                           Pu242:
                                                                                                                                                                                                                                                                                                           70491
70339
                                                                                                                                                                                                                                                                                                                                                                   5289
5325
                                                                                                                                                                                                                                                                                                                                                                                              1889
1859
                                    Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                         19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                0.0000
                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                  Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                           Singles
1173.338
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                                       Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                  Cvcle
                                                                                                                                                                                                                                                                                                                                               Doubles |
                                                                                                                                                                                                                                                                                                                                                  6. 021
7. 989
1. 384
7. 939
8. 290
                                                                64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                           1170. 336
1166. 535
1170. 887
1169. 069
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                  4. 820
5. 304
5. 738
6. 838
5. 004
                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                         6
7
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1175. 222
                                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
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1160. 299
1175. 072
1172. 537
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0. 000
0. 000
0. 000
                                                                        1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                          (1)
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```

	201911_AFAS-B Collar_Position10.txt	201911_AFAS-B Collar_Position10.txt								
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000								
Material balance area: Detector type: Detector id: Electronics id:	AFAS JSR_01	Number passive cycles: 10 Count time (sec): 60								
Inventory change code: I/O code:	50K 12	Passive error messages								
Measurement date: Results file name: Inspection number:	19.11.06 13:14:57 9B6N1457. VER	Known alpha analysis error Results								
Item id: Stratum id:	XXXX	Singles: 1145.112 +- 1.598								
Material type: Original declared mass: Measurement option: Data source: QC tests:	0.000 Verification Review disk file	Doubles: 5.764 ← 0.431 Triples: 0.000 ← 0.000 Scaler 1: 34.977 ← 0.266 Scaler 2: 0.000 ← 0.000								
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw data								
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 69026 5472 5118 2164 0 Pass 2 68595 5305 5169 2104 0 Pass								
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default 0D 0.0000 ← 0.0000 0.0000 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.001 ← 0.0000 0.0000 ← 0.0000 0.01 ∩ 0.0000 ← 0.0000 0.0000 0.01 ∩ 0.0000 ← 0.0000 0.0000 0.01 ∩ 0.0000 ← 0.0000 0.0000 0.01 ∩ 0.0000 ← 0.0000 0.0000	3 69214 5423 5018 2170 0 Pass 4 68555 5392 4988 2033 0 Pass 5 68404 5353 4945 2149 0 Pass 6 68612 5278 4910 2067 0 Pass 7 68781 5444 5060 2102 0 Pass 8 68152 5277 4918 2030 0 Pass 9 68772 5360 5071 2069 0 Pass 10 68830 5461 5112 2098 0 Pass								
Predelay:	1.50	rassive cycle rate data Cycle Singles Doubles Triples Mass QC Tests								
Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Gofficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	64.00 64.00 1720 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.0000 0.0001	1 1150.646 5.904 0.000 0.000 Pass 2 1143.460 2.268 0.000 0.000 Pass 3 1153.780 6.755 0.000 0.000 Pass 4 1142.793 6.738 0.000 0.000 Pass 5 1140.275 6.805 0.000 0.000 Pass 6 1143.743 6.138 0.000 0.000 Pass 7 1146.561 6.405 0.000 0.000 Pass 8 1136.074 5.988 0.000 0.000 Pass 9 1146.411 4.820 0.000 0.000 Pass 1147.378 5.821 0.000 0.000 Pass 1147.378 5.821 0.000 0.000 Pass								
Normalization constant:	1.0000 +- 0.0000									
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000									
	(1)	(2)								

```
201911_AFAS-B Top Fork_Position1.txt
                                                                                                                                                                                                                                                                                                                                       0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                     Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                    0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                      Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                                        Number passive cycles:
                                                                                                                                                                                                                                                                                    Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                   Passive error messages
                                                          19. 11. 06 09:08:52
9B6J0852. VER
                                                                                                                                                                                                                                                                    Known alpha analysis error
            Results
                                                          BT1 201911
                                                                                                                                                                                                                                                                                                                             Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                   1359, 757 +-
                                                          XXXX
                                                                                                                                                                                                                                                                                                                                                                                                       1. 288
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                   8. 335 +-
0. 000 +-
2627. 558 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                       0. 665
0. 000
2. 340
0. 000
                                                          On
Sample method
Measured
                                                                                                                                                                                                                                                                   Passive cycle raw data
                                                                                                                                                                                                                                                                                     Singles
81807
81257
81944
                                                                                                                                                                                                                                                                                                                    R+A
7666
7411
7709
                                                                                                                                                                                                                                                                                                                                                                   Scaler 1
157760
157979
157799
                                                                                                                                                                                                                                                                                                                                                                                           Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                    Cycle
                                                                                                                                                                                                                                                                                                                                               A
7195
7132
7216
                       Isotopics id: Default
                                                          0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                      7516
7615
7578
7677
                                                                                                                                                                                                                                                                                                                                                6993
6869
7151
7131
                                                                                                                                                                                                                                                                                                                                                                     157618
157256
158119
157813
                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                           81357
                                                                                                                                                                                                                                                                                                                                                                                                         0
0
0
0
0
0
                                                                                          0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                  0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                 0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                          81286
81542
81680
                                                                                                                                                                                                                                                                                                                                                7004
7037
7162
                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
                                        Pu241:
                                                                                                                                                                                                                                                                         8
                                                                                                                                                                                                                                                                                           81557
                                                                                                                                                                                                                                                                                                                      7624
                                                                                                                                                                                                                                                                                                                                                                      157521
                                        Pu242:
                                                                                                                                                                                                                                                                                           81530
                                                                                                                                                                                                                                                                                                                      7536
7559
                                                                                                                                                                                                                                                                                                                                                                      156623
                                  Pu date:
Am241:
Am date:
                                                          00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                  19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                                                                                                                                                                                         10
                                                                                                                                                                                                                                                                                           81894
                                                                                                                                                                                                                                                                                                                                                                     158047
                                                                                           0.0000
                                                                                                                                                  0.0000
                                                                                                                                                                                                                                                                   Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                            Doubles
7, 850
4, 650
8, 217
8, 717
12, 433
7, 117
9, 100
                                                                                                                                                                                                                                                                                           Singles
1363, 450
                                                                 1.50
64.00
                                                                                                                                                                                                                                                                                                                                                             Triples
                                                                                                                                                                                                                                                                                                                                                                                                  Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                   Cvcle
                                                                                                                                                                                                                                                                                                                                                                 0.000
0.000
0.000
0.000
0.000
                                                             64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                           1354. 283
1365. 733
1355. 950
1354. 767
                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                          6
                                                                                                                                                                                                                                                                                           1359, 033
                                                                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                           1361 333
                                                                                                                                                                                                                                                                                           1359, 283
1358, 833
1364, 900
                                                                                                                                                                                                                                                                                                                               10. 333
8. 317
6. 617
                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                    1.0000 +-
                                                                                                  0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                    0.000 +-
0.000 +-
                                                                                                    (1)
                                                                                                                                                                                                                                                                                                                                                                        (2)
```

	201911_AFAS-B Top Fork_P	201911_AFAS-B Top Fork_Position2.txt							
INCC 5.1.2	JMOX			Passi	/e triples bk /e scaler1 bk /e scaler2 bk	grnd:	0.000 +- 0.000 0.000	0.000	
Material balance area: Detector type: Detector id:	JM2G AFAS JSR 01				er passive cy Count time (cles:	10 60		
Electronics id: Inventory change code:	JSR-12			Passiv	e error messa				
I/O code: Measurement date: Results file name:	19. 11. 06 09:25:57 9B6J2557. VER			Known	alpha analysi	s error			
Inspection number: Item id: Stratum id:	BT2 201911 XXXX			Result	5	Çir	ngles:	3629, 830 -	⊢ 2.109
Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file					Dou Tri Scal	bles: ples: er 1: er 2:	57. 623 - 0. 000 - 646. 707 - 0. 000 -	⊢ 1.496 ⊢ 0.000 ⊢ 1.402
QC tests: Error calculation: Accidentals method:	On Sample method Measured			Passiv	e cycle raw d	ata			
Inspector name: Passive comment:	measured			Cycle 1 2	Singles 217200 218444	R+A 53497 54624	A 50536 51054	Scaler1 39009 39197	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	0.0000 +- 0.0000 0.0000 +- 0.0000 00.01.01 1 0.0000 +- 0.0000	0.0000 +- 00.0000 +- 0.0000 +- 0.0000 +- 9.11.06	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	3 4 5 6 7 8 9	217506 217726 217676 217523 217631 218352 218167 217673	54199 53979 53839 54120 54007 54060 54230 54146	50745 50822 50304 50672 50473 50839 50339 50343	38624 38870 38434 38680 39075 38398 38919 38818	O Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 1720 50. 0000 0. 0080 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000			Cycle 1 2 3 4 5 6 7 8 9 10	Singles 3620.000 3640.733 3625.100 3628.767 3627.933 3625.383 3627.183 3639.200 3636.117 3627.883	Doub 49. 59. 57. 52. 58. 57. 58. 53.	350 500 567 617 917 467 900 683 850 383	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant:	1.0000 +- 0.0000								
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000								
	(1)							(2)	

```
201911_AFAS-B Top Fork_Position3.txt
                                                                                                                                                                                                                                                                                                                               201911_AFAS-B Top Fork_Position3.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                    0.000 +-
0.000
                                                                                                                                                                                                                                                                   Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                   Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                     0.000
                                                                                                                                                                                                                                                                     Number passive cycles:
                                                                                                                                                                                                                                                                                 Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                 Passive error messages
                                                          19. 11. 06 09:42:01
9B6J4201. VER
                                                                                                                                                                                                                                                                 Known alpha analysis error
                                                                                                                                                                                                                                                                 Results
             Inspection number
                                                          BT3 201911
                        Item id:
Stratum id:
                                                                                                                                                                                                                                                                                                                          Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                             50090,000 +-
                                                          XXXX
                                                                                                                                                                                                                                                                                                                                                                                                  11.064
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                         Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                             10542.305 +-
0.000 +-
161.730 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                 38. 714
0. 000
0. 533
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          Sample method
Measured
                                                                                                                                                                                                                                                                 Passive cycle raw data
                                                                                                                                                                                                                                                                                   Singles
3003506
                                                                                                                                                                                                                                                                                                           R+A
10254052
10265533
10266927
                                                                                                                                                                                                                                                                                                                                                               Scaler1
9678
9816
9561
                                                                                                                                                                                                                                                                                                                                                                                        Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                 Cycle
                                                                                                                                                                                                                                                                                                                                     A
9622697
                                                                                                                                                                                                                                                                                                                                      9636546
9639838
                                                                                                                                                                                                                                                                                   3005299
3005458
                       Isotopics id: Default
                                                         0D

0.0000 +-

0.0000 +-

100.0000 +-

0.0000 +-

0.0000 +-
                                                                                                                                                                                                                                                                                                                                     9643462
9617633
9645376
9615125
9645303
9643947
9651449
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                   3007426
3002572
3006536
3001848
                                                                                                                                                                                                                                                                                                          10286276
10258810
10275366
10242411
                                                                                                                                                                                                                                                                                                                                                                     9718
9727
9883
9585
                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                     0
0
0
0
0
0
                                                                                          0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                               0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                          10289342
10267265
10280777
                                                                                                                                                                                                                                                                                                                                                                     9686
9618
9766
                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
                                        Pu241:
                                                                                                                                                                                                                                                                                   3007678
                                        Pu242:
                                                                                                                                                                                                                                                                                   3006238
3007439
                                  Pu date:
Am241:
Am date:
                                                          00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                 19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                                                                                                                                                                                      10
                                                                                          0.0000
                                                                                                                                                 0.0000
                                                                                                                                                                                                                                                                 Passive cycle rate data
                Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                         Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                     Singles
50058, 433
                                                                1.50
64.00
                                                                                                                                                                                                                                                                 Cvcle
                                                                                                                                                                                                                                                                                                                      Doubles
10522, 583
                                                                                                                                                                                                                                                                                                                                                                                               Mass QC Tests
0.000 Pass
                                                            64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                      50088. 317
50090. 967
50123. 767
50042. 867
                                                                                                                                                                                                                                                                                                                      10483. 117
10451. 483
10713. 567
10686. 283
                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                       6
7
                                                                                                                                                                                                                                                                                      50108, 933
                                                                                                                                                                                                                                                                                                                       10499. 833
10454. 767
                                                                                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                                      50030 800
                                                                                                                                                                                                                                                                                     50127. 967
50103. 967
50123. 983
                                                                                                                                                                                                                                                                                                                      10434. 767
10733. 983
10388. 633
10488. 800
                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                   1.0000 +-
 Normalization constant:
                                                                                                 0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                   0.000 +-
0.000 +-
                                                                                                   (1)
                                                                                                                                                                                                                                                                                                                                                                     (2)
```

	201911_AFAS-B Top Fork	201911_AFAS-B Top Fork_Position4.txt										
INCC 5.1.2 Facility:	JMOX				Passiv	ve triples bk ve scaler1 bk ve scaler2 bk	grnd:	0.000 +- 0.000 0.000	0. 000			
Material balance area: Detector type: Detector id: Electronics id:	JM2G AFAS JSR_01 JSR-12				Numbe	er passive cy Count time (10 60				
Inventory change code:	30K 12				Passive	e error messa	iges					
Measurement date: Results file name: Inspection number:	19. 11. 06 09:58:05 9B6J5805. VER				Known a	alpha analysi	is error					
Item id: Stratum id: Material type:	BT4 201911 XXXX Pu				nesu i c	•	Dou	ngles: ubles:	6485. 442 - 179. 388 -	— 2.810		
Original declared mass: Measurement option: Data source: QC tests:	0.000 Verification Review disk file On						Sca	iples: ler 1: ler 2:	0. 000 - 55. 298 - 0. 000 -	→ 0. 262		
Error calculation: Accidentals method:	Sample method Measured				Passive cycle raw data							
Inspector name: Passive comment: Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date:	Default 00				Cycle 1 2 3 4	Singles 388957 389423 388895 389380	R+A 171657 172564 171529 172242	A 161235 161702 160703 161754	Scaler1 3382 3223 3290 3313	Scaler2 QC Tests O Pass O Pass O Pass O Pass O Pass		
			5 6 7 8 9	389412 389338 388739 388414 389144 389563	172542 173551 171973 171533 171366 172410 173506	161865 161443 161276 161158 161752 161810	3315 3334 3353 3361 3256 3352	O Pass				
Am241: Am date:	0.0000 +- 0.0000 00.01.01	19. 11. 06	0.0000		Passive	e cycle rate	data					
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0080 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001				Cycle 1 2 3 4 5 6 7 8 9 10	Singles 6482. 617 6490. 383 6481. 583 6489. 667 6490. 200 6488. 967 6478. 983 6473. 567 6485. 733 6492. 717	Dout 173. 181. 180. 174. 194. 175. 170. 170. 177.	700 033 433 800 767 500 950 133 633	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass		
Normalization constant:	1.0000 +- 0.0000											
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 + 0.000 0.000 + 0.000											
	(1)								(2)			

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                       Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                             0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                           0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                                          Number passive cycles:
                                                                                                                                                                                                                                                                                                      Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                     Passive error messages
                                                              19.11.06 10:14:09
9B6K1409. VER
                                                                                                                                                                                                                                                                                     Known alpha analysis error
             Results
                                                              BT5 201911
                                                                                                                                                                                                                                                                                                                                                  Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                          2694, 280 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                 1. 233
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                              30. 517 +-
0. 000 +-
48. 150 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                 1. 272
0. 000
0. 255
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                     Passive cycle raw data
                                                                                                                                                                                                                                                                                                        Singles
161399
161734
161857
                                                                                                                                                                                                                                                                                                                                        R+A
29700
29700
29857
                                                                                                                                                                                                                                                                                                                                                                                           Scaler 1
2903
2833
2945
                                                                                                                                                                                                                                                                                                                                                                                                                     Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                                                   A
27921
28224
27840
                         Isotopics id: Default
                                                             0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                   28013
27843
27742
28238
27690
27777
27662
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                           161874
161528
161438
161775
                                                                                                                                                                                                                                                                                                                                        30014
29729
29865
29603
                                                                                                                                                                                                                                                                                                                                                                                                2888
2814
2910
2856
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
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0
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0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
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0.0000 +-
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0. 0000
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0. 0000
0. 0000
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161778
161252
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29561
29619
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                 2878
                                           Pu241:
                                                                                                                                                                                                                                                                                           8
                                           Pu242:
                                                                                                                                                                                                                                                                                                                                                                                                  2975
2888
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                          19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                                                                                                                                                                                                          10
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                     Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                 Doubles
29, 650
24, 600
33, 617
33, 350
31, 433
35, 383
22, 750
                                                                                                                                                                                                                                                                                                                                                                                    Triples
0.000
0.000
0.000
0.000
0.000
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                             Singles
2689.983
                                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
0.000 Pass
                                                                 64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                              2695. 567
2697. 617
2697. 900
2692. 133
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                            6
                                                                                                                                                                                                                                                                                                              2690, 633
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
                                                                                                                                                                                                                                                                                                              2696 250
                                                                                                                                                                                                                                                                                                                                                     32. 033
29. 733
32. 617
                                                                                                                                                                                                                                                                                                             2698. 883
2696. 300
2687. 533
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                        1.0000 +-
 Normalization constant:
                                                                                                        0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                (2)
```

	201911_AFAS-B Top Fork_Position6.txt						201911_AFAS-B Top Fork_Positio					osition6.	txt	
INCC 5.1.2 Facility:	JMOX							Passi	ve triples bk ve scaler1 bk ve scaler2 bk	grnd:	0.000 +- 0.000 0.000	0.000		
Material balance area: Detector type: Detector id:	JM2G AFAS JSR_01							Numb	er passive cy Count time (10 60			
Electronics id: Inventory change code: I/O code:	JSR-12							Passiv	e error messa	ges				
Measurement date: Results file name: Inspection number:	19. 11. 06 10:29: 9B6K2913. VER	:13						Known Result	alpha analysi	s error				
Inspection number. Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: OC tests:	BT6 201911 XXXX Pu 0.000 Verification Review disk file On	e						Result	s	Sing Doub Trip Scale Scale	les: les: r 1:	854. 992 3. 532 0. 000 68. 558 0. 000	+- 0.3 +- 0.0 +- 0.2	851 000 279
Error calculation: Accidentals method:	Sample method Measured							Passiv	e cycle raw d	ata				
Inspector name: Passive comment:	mododi od							Cycle 1 2	Singles 51196 51493	R+A 3048 3026	A 2911 2813	Scaler1 4084 4037	Scaler2 0 0	QC Tests Pass Pass
Isotopics id: Isotopics source code: Pu238: Pu279: Pu240: Pu241: Pu242: Pu date: Am date:	0.0000 +- 0. 100.0000 +- 0. 0.0000 +- 0. 0.0000 +- 0. 00.01.01	. 0000 . 0000 . 0000 . 0000 . 0000	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.11.06 0.0000 +- 19.11.06	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000				3 4 5 6 7 8 9	51493 51137 51262 51543 51270 51155 50941 51494 51504	3028 3007 3037 2959 3063 3030 2999 2988	2813 2830 2849 2820 2796 2729 2711 2782 2825	4037 4131 4090 4155 4055 4110 4096 4210 4167	0 0 0 0 0 0 0	Pass Pass Pass Pass Pass Pass Pass Pass
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Topubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0080 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001 0. 0001							Cycle 1 2 3 4 5 6 7 8 9 10	Singles 853, 267 858, 217 852, 283 854, 367 859, 050 854, 500 852, 583 849, 017 858, 233 858, 400	Doub I 2. 2 3. 5 3. 3 2. 6 3. 6 2. 7 5. 5 5. 3 3. 6 2. 7	83 50 00 33 17 17 67 17	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Pass Pass Pass Pass Pass Pass Pass Pass
Normalization constant:	1.0000 +-	0.0000												
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 ←	0. 000 0. 000												
		(1)										(2)		

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                       Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                            0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                        Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                                          Number passive cycles:
                                                                                                                                                                                                                                                                                                      Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                     Passive error messages
                                                              19. 11. 06 10:46:18
9B6K4618. VER
                                                                                                                                                                                                                                                                                     Known alpha analysis error
              Results
                                                              BT7 201911
                                                                                                                                                                                                                                                                                                                                                  Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                           1048, 910 +-
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                 1.732
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                            5. 063 +-
0. 000 +-
111. 733 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 470
0. 000
0. 357
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                     Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                         R+A
4551
4543
4530
                                                                                                                                                                                                                                                                                                                                                                                           Scaler 1
6835
6766
6654
                                                                                                                                                                                                                                                                                                                                                                                                                     Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                                                      A
4206
4306
4153
4128
4144
4219
4143
4298
4285
4220
                                                                                                                                                                                                                                                                                                              63298
63411
                         Isotopics id: Default
                                                             0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
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6600
6659
6702
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Pass
Pass
Pass
Pass
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4496
4427
4411
4454
4594
4544
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100.0000 +-
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0. 0000
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63056
62623
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                           Pu241:
                                                                                                                                                                                                                                                                                            8
                                                                                                                                                                                                                                                                                                              62431
                                                                                                                                                                                                                                                                                                                                                                                                  6737
                                           Pu242:
                                                                                                                                                                                                                                                                                                              63069
                                                                                                                                                                                                                                                                                                                                                                                                 6647
6719
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                          19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                                                                                                                                                                                                          10
                                                                                                                                                                                                                                                                                                              62988
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                     Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                    Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                 Doubles
5. 750
3. 950
6. 283
7. 700
5. 867
                                                                                                                                                                                                                                                                                                              Singles
1052.083
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                     Cvcle
                                                                 64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                              1054. 967
1056. 850
1047. 267
1041. 817
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                             1050. 933
1043. 717
1040. 517
1051. 150
1049. 800
                                                                                                                                                                                                                                                                                                                                                      3. 467
4. 467
2. 600
5. 150
5. 400
                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
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Pass
Pass
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0. 000
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0. 000
0. 000
0. 000
                                                                        1.0000 +-
                                                                                                         0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                 (2)
```

	201911_AFAS-B Top Fork_Position8.txt	201911_AFAS-B Top Fork_Position8.txt
INCC 5. 1. 2		Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000
Facility: Material balance area: Detector type:	JM2G	Passive scaler2 bkgrnd: 0.000 Number passive cycles: 10
Detector type: Detector id: Electronics id:	JSR_01	Count time (sec): 60
Inventory change code: I/O code:	58.72	Passive error messages
Measurement date: Results file name:	19. 11. 06 11:02:22 9B6L0222. VER	Known alpha analysis error
Inspection number: Item id: Stratum id:		Results Singles: 609.627 +- 0.753
Material type: Original declared mass:	Pu	Doubles: 0.000 ← 0.000
Measurement option: Data source:	Review disk file	Scaler 1: 44.387 ← 0.270 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:		Passive cycle raw data
Inspector name: Passive comment:	measureu	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 36485 1544 1410 2772 O Pass
Isotopics id:		2 36528 1469 1338 2668 0 Pass 3 36596 1565 1455 2656 0 Pass
Isotopics source code: Pu238: Pu239:	00 0.0000 +- 0.0000	4 36657 1479 1445 2635 0 Pass 5 36735 1494 1403 2708 0 Pass 6 36401 1473 1381 2632 0 Pass
Pu240: Pu241:	100.0000 + 0.0000 100.0000 + 0.0000 0.0000 + 0.0000 0.0000 + 0.0000	7 36797 1549 1462 2695 0 Pass 8 36619 1494 1364 2657 0 Pass
Pu242: Pu date:		9 36622 1505 1364 2601 0 Pass 10 36336 1525 1449 2608 0 Pass
Am241: Am date:	0.0000 ← 0.0000 0.0000 ← 0.0000 00.01.01 19.11.06	Passive cycle rate data
Predelay: Gate length:	1. 50 64. 00	Cycle Singles Doubles Triples Mass QC Tests 1 608.083 2.233 0.000 0.000 Pass
2nd gate length: High voltage: Die away time:	64. 00 1720 50. 0000	2 608.800 2.183 0.000 0.000 Pass 3 609.933 1.833 0.000 0.000 Pass 4 610.950 0.567 0.000 0.000 Pass
Efficiency: Multiplicity deadtime:	0. 0080 0. 0000	5 612.250 1.517 0.000 0.000 Pass 6 606.683 1.533 0.000 0.000 Pass
Coefficient A deadtime: Coefficient B deadtime:	0. 0000 0. 0000	7 613. 283 1. 450 0. 000 0. 000 Pass 8 610. 317 2. 167 0. 000 0. 000 Pass
Coefficient C deadtime: Doubles gate fraction:	0. 0000 0. 0001	9 610.367 2.350 0.000 0.000 Pass 10 605.600 1.267 0.000 0.000 Pass
Triples gate fraction: Normalization constant:	0. 0001 1. 0000 +- 0. 0000	
Passive singles bkgrnd:	0.000 +- 0.000	
Passive doubles bkgrnd:	0.000 ← 0.000 (1)	(2)

```
201911_AFAS-B Top Fork_Position9.txt
                                                                                                                                                                                                                                                                                                                                    201911_AFAS-B Top Fork_Position9.txt
                                                                                                                                                                                                                                                                                                                                         0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                       Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                      0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                         Number passive cycles:
                                                                                                                                                                                                                                                                                     Count time (sec)
                                                           JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                    Passive error messages
                                                           19. 11. 06 11:18:26
9B6L1826. VER
                                                                                                                                                                                                                                                                     Known alpha analysis error
             Results
                                                           BT9 201911
                                                                                                                                                                                                                                                                                                                              Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                     1169,810 +-
                                                           XXXX
                                                                                                                                                                                                                                                                                                                                                                                                         1, 443
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                         5. 928 +-
0. 000 +-
30. 880 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                         0. 648
0. 000
0. 128
0. 000
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                    Passive cycle raw data
                                                                                                                                                                                                                                                                                      Singles
70387
                                                                                                                                                                                                                                                                                                                      R+A
5571
5649
5414
                                                                                                                                                                                                                                                                                                                                                                     Scaler 1
1843
1803
1834
                                                                                                                                                                                                                                                                                                                                                                                             Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                                 A
5210
5170
5331
                                                                                                                                                                                                                                                                                            70207
                        Isotopics id: Default
                                                                                                                                                                                                                                                                                            69979
                                                          0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                 5160
5190
5343
5371
5129
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                            70240
70131
70007
70500
                                                                                                                                                                                                                                                                                                                                                                           1840
1855
1860
1878
                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                       5636
5687
5632
5689
5473
5699
5625
                                                                                                                                                                                                                                                                                                                                                                                                           0
0
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0.0000
0.0000
0.0000
0.0000
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100.0000 +-
0.0000 +-
10.11.00
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0. 0000
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0. 0000
0. 0000
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Pass
Pass
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9
10
                                         Pu241:
                                                                                                                                                                                                                                                                                            69605
                                                                                                                                                                                                                                                                                                                                                                           1867
                                         Pu242:
                                                                                                                                                                                                                                                                                            70491
70339
                                                                                                                                                                                                                                                                                                                                                  5289
5325
                                                                                                                                                                                                                                                                                                                                                                           1889
1859
                                   Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                   19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                            0.0000
                                                                                                                                                   0.0000
                                                                                                                                                                                                                                                                    Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                              Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                            Singles
1173.117
                                                                 1.50
64.00
                                                                                                                                                                                                                                                                                                                             Doubles
6. 017
7. 983
1. 383
7. 933
8. 283
4. 817
5. 300
5. 733
6. 833
5. 000
                                                                                                                                                                                                                                                                                                                                                                                                   Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                    Cvcle
                                                             64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                            1170. 117
1166. 317
1170. 667
1168. 850
                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
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Pass
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0. 000
                                                                                                                                                                                                                                                                                            1175 000
                                                                                                                                                                                                                                                                                            1173.000
1160.083
1174.850
1172.317
                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                    1.0000 +-
                                                                                                  0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                    0.000 +-
0.000 +-
                                                                                                    (1)
                                                                                                                                                                                                                                                                                                                                                                          (2)
```

	201911_AFAS-B Top Fork_Position10.txt	201911_AFAS-B Top Fork_Position10.txt
INCC 5. 1. 2	May	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000
Facility: Material balance area: Detector type:	JMOX JM2G AFAS	Passive scaler2 bkgrnd: 0.000 Number passive cycles: 10
Detector id: Electronics id: Inventory change code:	JSR_01 JSR=12	Count time (sec): 60 Passive error messages
I/O code: Measurement date: Results file name:	19. 11. 06 13:14:57 9B6N1457. VER	Known alpha analysis error
Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option:	BT10 201911 XXXX Pu 0.000 Verification	Results Singles: 1144,902 ← 1.597 Doubles: 5.760 ← 0.431 Triples: 0.000 ← 0.000 Scaler 1: 34,977 ← 0.266
Data source: QC tests: Error calculation:	Review disk file On Sample method	Scaler 2: 0.000 + 0.000 Passive cycle raw data
Accidentals method: Inspector name: Passive comment:	Measured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 69026 5472 5118 2164 0 Pass 2 68595 5305 5169 2104 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default 00 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 + 0.0000 0.0000 ← 0.0000 100,0000 ← 0.0000 100,0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01,01 0.0000 0.0000 ← 0.0000 0.01,01 19,11.06 0.0000 0.01,01 19,11.06 0.0000	3 69214 5423 5018 2170 0 Pass 4 68555 5392 4988 2033 0 Pass 5 68404 5353 4945 2149 0 Pass 6 68612 5278 4910 2067 0 Pass 7 68781 5444 5060 2102 0 Pass 8 68152 5277 4918 2030 0 Pass 9 68772 5360 5071 2069 0 Pass 10 68830 5461 5112 2098 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0080 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 1150,433 5,900 0.000 0.000 Pass 2 1143,250 2,267 0.000 0.000 Pass 3 1153,567 6,750 0.000 0.000 Pass 4 1142,583 6,733 0.000 0.000 Pass 5 1140,067 6,800 0.000 0.000 Pass 6 1143,533 6,133 0.000 0.000 Pass 7 1146,350 6,400 0.000 0.000 Pass 8 1135,867 5,983 0.000 0.000 Pass 9 1146,200 4,817 0.000 0.000 Pass 10 1147,167 5,817 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 ← 0.0000 0.000 ← 0.000	
Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000	(2)
	(1)	(<i>L</i>)

201911_AFAS-P Bottom Fork_Position1.txt

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                  0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                 Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                      0.000
                                                                                                                                                                                                                                                                                   Number passive cycles:
                                                                                                                                                                                                                                                                                               Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                              Passive error messages
                                                             19. 11. 06 09:08:57
9B6J0857. VER
                                                                                                                                                                                                                                                                              No passive calibration curve calibration
No known alpha calibration
             PB1 201911
                                                                                                                                                                                                                                                                              Results
                                                             XXXX
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                 1092. 775 +-
4. 568 +-
0. 000 +-
53. 368 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 872
0. 457
0. 000
0. 230
0. 000
                                                                                                                                                                                                                                                                                                                                             Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                                                                                           Scaler 1:
                                                                                                                                                                                                                                                                                                                                          Scaler 2:
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                              Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                           Scaler2 QC Tests
O Pass
                                                                                                                                                                                                                                                                                                Singles
65528
65596
                                                                                                                                                                                                                                                                              Cycle
                                                                                                                                                                                                                                                                                                                                                                                  Scaler1
                                                                                                                                                                                                                                                                                                                                                              A
4639
4600
                                                                                                                                                                                                                                                                                                                                   4849
5001
                                                                                                                                                                                                                                                                                                                                                                                        3218
3149
                        Isotopics id: Default
                                                             0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                   4883
4913
4856
4785
4818
                                                                                                                                                                                                                                                                                                                                                              4525
4691
4675
4645
4539
4545
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                       3155
3207
3214
3283
                                                                                                                                                                                                                                                                                                       65769
                                                                                                                                                                                                                                                                                                                                                                                                                         0
0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
10.11.00
                                                                                                                                                       0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                      65758
65713
65345
65452
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
                                          Pu241:
                                                                                                                                                                                                                                                                                                                                                                                        3253
                                                                                                                                                                                                                                                                                                                                                                                       3197
3152
3193
                                          Pu242:
                                                                                                                                                                                                                                                                                                       65298
65540
                                                                                                                                                                                                                                                                                                                                   4868
4851
                                     Pu242:
Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                       19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                                                                                                                                                                                                                                                                              4590
4504
                                                                                               0.0000
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                                    10
                                                                                                                                                                                                                                                                                                       65666
                                                                                                                                                                                                                                                                              Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                              Cycle
                                                                                                                                                                                                                                                                                                        Singles
                                                                                                                                                                                                                                                                                                                                                                             Triples
                                                                                                                                                                                                                                                                                                                                                                                                                     Mass QC Tests
                                                                64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                                          Doubles
                                                                                                                                                                                                                                                                                                      1092. 133
1093. 267
1096. 150
1095. 967
1095. 217
                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                              3. 500
6. 683
5. 967
3. 700
3. 017
2. 333
4. 650
5. 383
4. 350
6. 100
                                                                                                                                                                                                                                                                                    2
3
4
5
6
7
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                 0.000
0.000
                                                                                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                       1089 083
                                                                                                                                                                                                                                                                                                       1089, 083
1090, 867
1088, 300
1092, 333
1094, 433
                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
                                                                                                      0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                       (2)
```

	201911_AFAS-P Bottom Fo	ork_Position2.t	xt				20191	1_AFAS-P	Bottom Fork	_Position2.txt
INCC 5.1.2 Facility:	JMOX				Passi	ve triples bk ve scaler1 bk ve scaler2 bk	grnd:	0.000 +- 0.000 0.000	0.000	
Material balance area: Detector type: Detector id:	JM2G AFAS					er passive cy Count time (cles:	10 60		
Electronics id: Inventory change code: I/O code:	JSR-12				Passiv	e error messa	ges			
Measurement date: Results file name: Inspection number:	19. 11. 06 09:26:02 9B6J2602. VER					sive calibrat wn alpha calil		alibratio	on	
Item id: Stratum id:	XXXX				Result	S				
Material type: Original declared mass: Measurement option: Data source: QC tests:	0.000 Verification Review disk file On						Sing Doub Trip Scale Scale	les: les: r 1:	1339. 795 7. 177 0. 000 45. 387 0. 000	← 0. 883 ← 0. 000 ← 0. 357
Error calculation: Accidentals method: Inspector name:	Sample method Measured				Passiv	e cycle raw d	ata			
Passive comment: Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	00 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.01.01 0.0000 +- 0.0000 0.01.01 0.0000 0.01.01 0.0000 0.01.01 0.0000 0.01.01 0.0000 0.0000 0.01.01	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.11.06 0.0000 +- 19.11.06	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000		Cycle 1 2 3 4 5 6 6 7 8 9 10 Passivi	Singles 80174 80322 80418 80351 80568 80541 80556 80343 80675 79929	R+A 7277 7177 7268 7418 7232 7406 7381 7399 7652 7266	A 7116 6753 6990 6973 6997 6809 6985 6902 7019 6626	Scaler1 2666 2800 2729 2742 2807 2658 2726 2672 2622 2810	Scaler2 QC Tests O Pass O Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Doubles gate fraction: Triples gate fraction: Normalization constant:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0127 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 1. 0				Cycle 1 2 3 4 5 6 7 8 9 10	Singles 1336, 233 1338, 700 1340, 300 1339, 183 1342, 800 1342, 350 1342, 600 1344, 583 1332, 150	Doub I . 2. 6 . 7. 0 . 4. 6 . 7. 4 . 6 . 7. 4 . 6 . 9 . 9 . 9 . 9 . 6 . 6 . 8 . 2 . 10 . 5 . 10 . 6 .	33 57 33 17 17 50 00 33 50	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass OC Tests 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 + 0.000 0.000 + 0.000									

```
INCC 5. 1. 2
    Facility:
Material balance area:
Detector type:
Detector id:
                 Electronics id:
                                                   JSR-12
   Inventory change code:

1/0 code:

Measurement date:
Results file name:
                                                   19. 11. 06 09:42:06
9B6J4206. VER
            Inspection number
                                                   PB3 201911
                              Item id:
                      Stratum id:
                                                   XXXX
                                                   Pu
0.000
Verification
Review disk file
 Material type:
Original declared mass:
Measurement option:
Data source:
                             QC tests:
                                                   0n
                                                   Sample method
Measured
           Frror calculation
         Accidentals method:
Inspector name:
Passive comment:
                     Isotopics id:
                                                   Default
   Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                   0D

0.0000 +-

0.0000 +-

100.0000 +-
                                                                                                    0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                               0.0000
0.0000
0.0000
                                                                                                                                0.0000
0.0000
0.0000
                                    Pu241:
                                                        0.0000 +-
0.0000 +-
                                                                                0.0000
                                                                                                                                0.0000
0.0000
                                   Pu242:
                                                                               0.0000
                               Pu date:
Am241:
Am date:
                                                   00.01.01
                                                   0. 0000
                                                                                                    0.0000 +-
19.11.06
                                                                               0.0000
                                                                                                                                0.0000
                                                            1.50
                             Predelay:
               Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                          64.00
                                                      64. 00
1720
50. 0000
0. 0127
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                           0.0000
                                                            0.0000
                                                           0. 0000
0. 0000
0. 0001
0. 0001
 Normalization constant:
                                                            1.0000 +-
                                                                                      0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                            0.000 +-
0.000 +-
```

Predelay:

Gate length: 2nd gate length: High voltage:

Die away time

Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction:

Triples gate fraction:

Normalization constant:

Passive singles bkgrnd: Passive doubles bkgrnd:

Efficiency

1.50

64. 00 64. 00 1720 50. 0000

0. 0127 0. 0000

0. 0000 0. 0000 0. 0000 0. 0001

0.0001

1.0000 +-

0.000 +-0.000 +-

0.0000

0.000 0.000 (1)

```
0.000 +-
0.000
  Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                       0.000
  Passive scaler2 bkgrnd
                                                   0.000
    Number passive cycles:
            Count time (sec)
Passive error messages
No passive calibration curve calibration
No known alpha calibration
Results
                                                                       729. 082 +-
2. 097 +-
0. 000 +-
58. 323 +-
                                            Singles:
Doubles:
Triples:
                                                                                                1. 712
0. 281
0. 000
                                           Scaler 1
                                                                                                 0.169
                                           Scaler 2:
                                                                          0.000 +-
                                                                                                0.000
Passive cycle raw data
Cycle
             Singles
                                                                      Scaler1
                                                                                        Scaler2 QC Tests
                                                        A
2040
2006
                                     2172
2096
                 43946
43533
                                                                          3561
3532
                                                                                                  0
                                                                                                       Pass
Pass
                                     2194
2144
2214
2200
                                                        2031
1992
2115
1975
                                                                                                       Pass
Pass
Pass
Pass
                 44212
                                                                           3467
                 43608
43713
43518
                                                                           3483
3497
3494
                 43943
                                     2213
                                                        2038
                                                                           3483
                                                                                                  0
0
0
0
                                                                                                       Pass
                                                        2026
2140
1958
                                                                                                       Pass
Pass
Pass
                 43503
                                     2072
                                                                           3463
                 44225
                                     2227
                                                                           3481
    10
                 43248
                                                                           3533
Passive cycle rate data
                                                                                               Mass QC Tests
Cycle
                  Singles
                                          Doubles |
                                                                  Triples
                   732. 433
725. 550
736. 867
726. 800
                                             2. 200
1. 500
2. 717
2. 533
                                                                     0. 000
0. 000
0. 000
0. 000
                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                        Pass
Pass
Pass
Pass
                   728, 550
                                              1.650
3.750
                                                                     0.000
                                                                                             0.000
                                                                                                         Pass
     5 6 7
                   725 300
                                                                      0.000
                                                                                             0.000
                                                                                                         Pass
                                              2. 917
0. 767
1. 450
                                                                     0. 000
0. 000
0. 000
0. 000
                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                        Pass
Pass
Pass
                   732 383
                   725. 050
737. 083
                                              1.483
                   720.800
```

(2)

0.000

1. 172 0. 674

201911_AFAS-P Bottom Fork_Position4.txt 201911_AFAS-P Bottom Fork_Position4.txt INCC 5. 1. 2 Passive triples bkgrnd: 0.000 +-0. 000 0. 000 Facility: Material balance area: Detector type: JMOX JM2G AFAS Number passive cycles JSR 03 Detector id: Count time (sec) 60 Detector id:
Electronics id:
Inventory change code:
I/O code:
Measurement date:
Results file name: JSR-12 Passive error messages 19. 11. 06 09:58:10 9B6J5810. VER No passive calibration curve calibration No known alpha calibration Inspection number:
Inspection number:
Item id:
Stratum id:
Material type:
Original declared mass: PB4 201911 Results XXXX Pu 0. 000 Singles: Doubles: Measurement option:
Data source:
QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment: Verification Review disk file Triples On Sample method Measured Scaler 2 Passive cycle raw data Passive comment Singles Cvcle 92019 9550 Isotopics id: Isotopics source code: Pu238: Default OD 0.0000 +-0.0000 +-9457 9616 9647 9764 91883 92122 92183 91812 0.0000 0.0000 0.0000 +-0.0000 +-100.0000 +-0.0000 0.0000 Pu239 Pu240: 100.0000 +-0.0000 0.0000 0.0000 92518 9774 0.0000 +-0.0000 +-0.0000 +-19.11.06 0.0000 +-19.11.06 Pu241 0.0000 0.0000 92380 9656 Pu242 0.0000 0.0000 91958 9466 Pu date: Am241: 00. 01. 01 0. 0000 00. 01. 01 9593 92171 0.0000 10 Am date:

1534. 990 +-9. 288 +-0. 000 +-0.000 0.731 253.387 +-0.000 +-0.000 Scaler1 Scaler2 QC Tests 0 Pass 9003 15134 Pass Pass Pass Pass Pass 8908 9136 9091 9017 15214 15089 9093 15347 0 Pass Pass 9070 15042 Pass Pass Pass 9189 15119 8949 9158 Passive cycle rate data Singles 1533.650 1531.383 Doubles 9. 117 9. 150 Triples 0.000 0.000 0.000 QC Tests Pass Pass Cycle Mass 0. 000 0. 000 0. 000 1535. 367 8.000 Pass 1536, 383 9. 267 0.000 0.000 0.000 Pass Pass Pass Pass 1530. 200 12. 450 0.000 1541. 967 1539. 667 1532. 633 11. 350 9. 767 4. 617 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 Pass 10.733 1532, 467 Pass 10 1536, 183 8, 433 0.000 0.000

201911_AFAS-P Bottom Fork_Position5.txt

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                  Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                     0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                   Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                                     Number passive cycles:
                                                                                                                                                                                                                                                                                                 Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                Passive error messages
                                                             19. 11. 06 10:14:14
9B6K1414. VER
                                                                                                                                                                                                                                                                                No passive calibration curve calibration
No known alpha calibration
              PB5 201911
                                                                                                                                                                                                                                                                                Results
                                                             XXXX
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                    1366. 238 +-
6. 202 +-
0. 000 +-
136. 797 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                           1. 454
0. 424
0. 000
0. 263
0. 000
                                                                                                                                                                                                                                                                                                                                               Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                                                                                             Scaler 1:
Scaler 2:
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                                Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                              Scaler2 QC Tests
O Pass
                                                                                                                                                                                                                                                                                                   Singles
82215
82132
                                                                                                                                                                                                                                                                                Cycle
                                                                                                                                                                                                                                                                                                                                                                                     Scaler1
                                                                                                                                                                                                                                                                                                                                                                A
7193
7306
7174
7141
7159
7272
7247
7448
7088
7351
                                                                                                                                                                                                                                                                                                                                      7560
7651
                                                                                                                                                                                                                                                                                                                                                                                          8209
8231
                         Isotopics id: Default
                                                            0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                          8218
8183
8300
8215
                                                                                                                                                                                                                                                                                                         81845
                                                                                                                                                                                                                                                                                                                                     7687
7466
7562
7689
7610
7736
7548
                                                                                                                                                                                                                                                                                                                                                                                                                             0
0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                         82005
81701
82256
                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
                                           Pu241:
                                                                                                                                                                                                                                                                                                         81769
                                                                                                                                                                                                                                                                                                                                                                                           8220
                                                                                                                                                                                                                                                                                                                                                                                          8167
8106
8229
                                           Pu242:
                                                                                                                                                                                                                                                                                                         82322
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                        19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                                                                                                                                                                                                                         81461
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                      10
                                                                                                                                                                                                                                                                                                         82037
                                                                                                                                                                                                                                                                                Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                Cycle
                                                                                                                                                                                                                                                                                                           Singles
                                                                                                                                                                                                                                                                                                                                                                                Triples
                                                                                                                                                                                                                                                                                                                                                                                                                        Mass QC Tests
                                                                64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                                            Doubles
                                                                                                                                                                                                                                                                                                         1370. 250
1368. 867
1364. 083
1366. 750
                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                6. 117
5. 750
8. 550
5. 417
6. 717
6. 950
6. 050
4. 800
7. 667
4. 000
                                                                                                                                                                                                                                                                                       2
3
4
5
6
7
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                         1361, 683
                                                                                                                                                                                                                                                                                                                                                                                                                      0.000
                                                                                                                                                                                                                                                                                                         1370 933
                                                                                                                                                                                                                                                                                                         1362. 817
1372. 033
1357. 683
1367. 283
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                          (2)
```

	201911 AFAS-P Bottom Fork Position6.txt			201911 AFAS-P	Rottom Fork	Position6 tyt
	201911_ALAG T BOLLOW TOLK_TOST LIGHT. LXL			201911_ALAO 1	DOCCOM TOTAL	1 031 110110. 121
INCC 5. 1. 2		Pass	ive triples bkgrnd	d: 0.000 +-	0.000	
			ive scaler1 bkgrnd			
Facility:	JMOX	Pass	ive scaler2 bkgrnd	d: 0.000		
Material balance area: Detector type:	JM2G	Mumb	per passive cycles	s: 10		
Detector id:	JSR 03	Nulli	Count time (sec)			
Electronics id:	JSR-12		oodiic ciiilo (000)	,		
Inventory change code:		Passiv	e error messages			
I/O code:						
Measurement date:	19. 11. 06 10:29:18		ssive calibration		n	
Results file name: Inspection number:	9B6K2918. VER	No kno	own alpha calibrat	tion		
Item id:	PB6 201911	Result	ts			
Stratum id:	XXXX	1100011				
Material type:	Pu			Singles:	1844. 522 +-	
Original declared mass:	0. 000			Doubles:	13.420 +-	
Measurement option:	Verification			Triples:	0.000 +-	
Data source: QC tests:	Review disk file On			Scaler 1: Scaler 2:	68. 342 +- 0. 000 +-	
Error calculation:	Sample method			Scarer 2.	0.000	0.000
Accidentals method:	Measured	Passi	ve cycle raw data			
Inspector name:						
Passive comment:		Cycle		+A A		Scaler2 QC Tests
Instantan (d)	Defende	1 2		4014 13152	4138 4173	0 Pass 0 Pass
Isotopics id: Isotopics source code:	Default OD	2 3		3955 12975 3973 13022	4173	0 Pass
Pu238:	0.0000 +- 0.0000 0.0000 +- 0.0000	4		3730 13036	4116	0 Pass
Pu239:	0.0000 +- 0.0000 0.0000 +- 0.0000	5		3757 13136	4072	0 Pass
Pu240:	100.0000 +- 0.0000 100.0000 +- 0.0000	6		3940 13107	3974	0 Pass
Pu241:	0.0000 +- 0.0000	7		3977 13197	4158	0 Pass
Pu242: Pu date:	0.0000 +- 0.0000	8 9		3895 13175 3690 13226	4066 4099	0 Pass 0 Pass
Am241:	0.0000 +- 0.0000	10		3781 12634	4092	0 Pass
Am date:	00. 01. 01 19. 11. 06				1002	0 1400
		Passi	ve cycle rate data	a		
Predelay:	1. 50		0: 1			
Gate length: 2nd gate length:	64. 00 64. 00	Cycle 1	Singles 1854, 233	Doubles 14. 367	Triples 0.000	Mass QC Tests 0.000 Pass
High voltage:	1720	2	1845. 400	16. 333	0.000	0.000 Pass
Die away time:	50. 0000	3	1842. 850	15. 850	0.000	0. 000 Pass
Efficiency:	0. 0127	4	1836. 800	11. 567	0.000	0.000 Pass
Multiplicity deadtime:	0. 0000	5	1849. 283	10. 350	0.000	0.000 Pass
Coefficient A deadtime: Coefficient B deadtime:	0.0000	6 7	1847. 383 1847. 683	13. 883	0.000	0.000 Pass
Coefficient C deadtime:	0. 0000 0. 0000	8	1853, 083	13. 000 12. 000	0. 000 0. 000	0.000 Pass 0.000 Pass
Doubles gate fraction:	0.0001	9	1838, 967	7. 733	0.000	0.000 Pass
Triples gate fraction:	0. 0001	10	1829. 533	19. 117	0.000	0.000 Pass
Normalization constant:	1,0000 +- 0,0000					
Passive singles bkgrnd:	0.000 +- 0.000					
Passive doubles bkgrnd:	0.000 +- 0.000					

0.000 +-

Passive triples bkgrnd: Passive scaler1 bkgrnd:

```
INCC 5. 1. 2
    Facility:
Material balance area:
Detector type:
Detector id:
                 Electronics id:
                                                   JSR-12
   Inventory change code:

1/0 code:

Measurement date:
Results file name:
                                                  19. 11. 06 10:46:23
9B6K4623. VER
            Inspection number
                                                   PB7 201911
                             Item id:
                     Stratum id:
                                                  XXXX
                                                  Pu
0.000
Verification
Review disk file
 Material type:
Original declared mass:
Measurement option:
Data source:
                            QC tests:
                                                   0n
                                                  Sample method
Measured
           Frror calculation
         Accidentals method:
Inspector name:
Passive comment:
                     Isotopics id:
                                                  Default
   Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                  0D

0.0000 +-

0.0000 +-

100.0000 +-
                                                                                                  0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                              0.0000
0.0000
0.0000
                                                                                                                              0.0000
0.0000
0.0000
                                   Pu241:
                                                       0.0000 +-
0.0000 +-
                                                                               0.0000
                                                                                                                              0.0000
0.0000
                                   Pu242:
                                                                              0.0000
                              Pu date:
Am241:
                                                  00.01.01
                                                  0. 0000
                                                                                                  0.0000 +-
19.11.06
                                                                              0.0000
                                                                                                                              0.0000
                               Am date:
                                                           1.50
                            Predelay:
               Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                         64.00
                                                      64. 00
1720
50. 0000
0. 0127
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                          0.0000
                                                           0.0000
                                                          0. 0000
0. 0000
0. 0001
0. 0001
 Normalization constant:
                                                           1.0000 +-
                                                                                     0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                           0.000 +-
0.000 +-
                                                                                      (1)
```

Passive scaler2 bkgrnd 0.000 Number passive cycles: Count time (sec) Passive error messages No passive calibration curve calibration No known alpha calibration Results 4729. 687 +-91. 818 +-0. 000 +-107. 582 +-Singles: Doubles: Triples: 1. 942 2. 461 0. 000 0. 448 Scaler 1 Scaler 2: 0.000 +-0.000 Passive cycle raw data Cycle Singles Scaler1 Scaler2 QC Tests 91615 85924 284568 283587 6442 6571 0 Pass Pass 86194 91456 91627 90998 91731 91747 86150 86021 86363 85978 Pass Pass Pass Pass 283760 6561 283453 284000 283749 6361 6438 6519 283524 91533 85267 6459 0 0 0 0 Pass Pass Pass Pass 283294 91065 86040 6391 284105 91456 86403 6497 10 283772 85483 6310 Passive cycle rate data Mass QC Tests Cycle Singles Doub I es Triples 4742. 800 4726. 450 4729. 333 4724. 217 94. 850 87. 700 91. 283 82. 950 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 Pass Pass Pass Pass 4733, 333 89. 467 0.000 0.000 Pass 5 6 7 4729 150 96 150 0.000 0.000 Pass 4725. 400 4721. 567 4735. 083 4729. 533 104. 433 83. 750 84. 217 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 Pass Pass Pass 103.383 (2)

201911_AFAS-P Bottom Fork_Position8.txt

INCC 5. 1. 2 Facility: Material balance area: Detector type: JMOX JM2G AFAS Detector id: JSR 03 Detector id:
Electronics id:
Inventory change code:
I/O code:
Measurement date:
Results file name: JSR-12 19. 11. 06 11:02:27 9B6L0227. VER Inspection number:
Inspection number:
Item id:
Stratum id:
Material type:
Original declared mass: PB8 201911 XXXX Pu 0. 000 Measurement option:
Data source:
QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment: Verification Review disk file Sample method Measured Passive comment Isotopics id: Isotopics source code: Pu238: Default OD 0.0000 +-0.0000 +-0.0000 0.0000 0.0000 +-0.0000 +-100.0000 +-0.0000 0.0000 Pu239 Pu240: 100.0000 +-0.0000 0.0000 0.0000 0.0000 +-0.0000 +-0.0000 +-19.11.06 0.0000 +-19.11.06 Pu241 0.0000 0.0000 Pu242 0.0000 0.0000

0.0000

Pu date: Am241: 00. 01. 01 0. 0000 00. 01. 01 0.0000 Am date: Predelay: 1.50 Gate length: 2nd gate length: High voltage: 64. 00 64. 00 1720 50. 0000 Die away time Efficiency 0. 0127 0. 0000 Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 0000 0. 0000 0. 0001 Triples gate fraction: 0.0001 Normalization constant: 1.0000 +-0.0000 Passive singles bkgrnd: Passive doubles bkgrnd: 0.000 +-0.000 +-0.000 0.000

(1)

201911_AFAS-P Bottom Fork_Position8.txt

Passive triples bkgrnd: 0.000 +-0.000 0. 000 0. 000

Number passive cycles Count time (sec) 60

Passive error messages

No passive calibration curve calibration No known alpha calibration

Results

Singles: Doubles: 41046. 460 +-6977. 885 +-6. 286 20. 476 Triples 0.000 +-0.000 0.861 332.198 +-Scaler 2 0.000 +-0.000

Passive cycle raw data

Singles Cvcle Scaler1 Scaler2 QC Tests 6890167 6463848 2461975 20120 Pass Pass Pass Pass Pass Pass 2464666 2463733 2463706 2462057 6896354 6890946 6895600 6882429 6478393 6478380 6473740 6465344 20171 19967 19780 19841 2463415 6889400 6470348 19741 0 Pass Pass 2462344 6879373 6464423 19700 Pass Pass Pass 2463456 6892728 6475520 20068 2461832 2460692 6882307 6879282 6464430 10

Passive cycle rate data

Singles 41032, 917 41077, 767 41062, 217 QC Tests Pass Pass Triples 0.000 0.000 0.000 Cycle Mass 7105. 317 6966. 017 6876. 100 0. 000 0. 000 0. 000 Pass 41061.767 41034.283 7031. 000 6951. 417 0.000 0.000 0.000 Pass Pass Pass Pass 0.000 41034. 283 41056. 917 41039. 067 41057. 600 6984. 200 6915. 833 6953. 467 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 Pass 41030, 533 6964, 617 Pass 41011, 533 7030, 883 0.000 0.000

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                     Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                   0.000
   Facility: JMOX
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                     Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                       Number passive cycles:
                                                                                                                                                                                                                                                                                   Count time (sec):
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                   Passive error messages
                                                          19. 11. 06 11:18:31
9B6L1831. VER
                                                                                                                                                                                                                                                                   No passive calibration curve calibration
No known alpha calibration
            PB9 201911
                                                                                                                                                                                                                                                                   Results
                                                          XXXX
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                         Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                 7857. 783 +-
248. 595 +-
0. 000 +-
1108. 095 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                               Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                                                                                                                                                      3. 469
4. 237
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                       1.310
                                                                                                                                                                                                                                                                                                                             Scaler 1:
                                                                                                                                                                                                                                                                                                                            Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                      0.000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          On
Sample method
Measured
                                                                                                                                                                                                                                                                   Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                          Scaler2 QC Tests
0 Pass
0 Pass
                                                                                                                                                                                                                                                                   Cycle Singles
1 471493
2 472508
                                                                                                                                                                                                                                                                                                                                                                   Scaler1
                                                                                                                                                                                                                                                                                                                                          A
237369
239018
                                                                                                                                                                                                                                                                                                                 252982
253926
                                                                                                                                                                                                                                                                                                                                                                      66802
66233
                       Isotopics id: Default
                                                         0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                       470652
470861
470824
470882
                                                                                                                                                                                                                                                                                                                 251399
251424
251111
251186
                                                                                                                                                                                                                                                                                                                                          236750
236525
237318
236835
                                                                                                                                                                                                                                                                                                                                                                      66617
65991
66253
66587
                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                        0
0
0
0
0
0
0
                                                                                          0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                  0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                 0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                      472102
471597
472245
471506
                                                                                                                                                                                                                                                                                                                 252703
252029
253528
253373
                                                                                                                                                                                                                                                                                                                                          237588
237836
238573
                                        Pu241:
                                                                                                                                                                                                                                                                                                                                                                      66594
                                        Pu242:
                                                                                                                                                                                                                                                                                                                                                                      66623
                                  Pu date:
Am241:
Am date:
                                                          00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                  19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                                                                                                                                                                                                                                                                                      66484
66673
                                                                                           0.0000
                                                                                                                                                  0.0000
                                                                                                                                                                                                                                                                        10
                                                                                                                                                                                                                                                                                                                                          236692
                                                                                                                                                                                                                                                                   Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                 1.50
64.00
                                                                                                                                                                                                                                                                   Cycle
                                                                                                                                                                                                                                                                                           Singles
                                                                                                                                                                                                                                                                                                                                                             Triples
                                                                                                                                                                                                                                                                                                                                                                                                   Mass QC Tests
                                                             64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                            Doub I es
                                                                                                                                                                                                                                                                                          7858. 217
7875. 133
7844. 200
7847. 683
                                                                                                                                                                                                                                                                                                                            260. 217
248. 467
244. 150
248. 317
                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                         5
6
7
                                                                                                                                                                                                                                                                                          7847. 067
7848. 033
                                                                                                                                                                                                                                                                                                                            229. 883
239. 183
                                                                                                                                                                                                                                                                                                                                                                 0.000
0.000
                                                                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                          7868. 367
7859. 950
7870. 750
7858. 433
                                                                                                                                                                                                                                                                                                                            251. 917
236. 550
249. 250
278. 017
                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                    1.0000 +-
 Normalization constant:
                                                                                                  0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                    0.000 +-
0.000 +-
                                                                                                    (1)
                                                                                                                                                                                                                                                                                                                                                                       (2)
```

	201911_AFAS-P Bottom Fork_Position10.txt	201911_AFAS-P Bottom Fork_Position10.txt
INCC 5.1.2 Facility: Material balance area:		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Detector type: Detector id: Electronics id:	AFAS JSR_03	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:		No passive calibration curve calibration No known alpha calibration
Item id: Stratum id:		Results
Material type: Original declared mass: Measurement option: Data source: QC tests: Error calculation:	0.000 Verification Review disk file On	Singles: 3333.760 ← 1.222 Doubles: 44.835 ← 1.062 Triples: 0.000 ← 0.000 Scaler 1: 2529.858 ← 2.510 Scaler 2: 0.000 ← 0.000
Accidentals method: Inspector name:		Passive cycle raw data
Passive comment: Isotopics id: Isotopics source code: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	00 0, 0000 +- 0, 0000 0, 0000 +- 0, 0000 100, 0000 +- 0, 0000 0, 0000 +- 0, 0000 19, 11, 06	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 200092 45128 42736 151761 0 Pass 2 200097 45359 42634 151926 0 Pass 3 199746 45176 42701 152028 0 Pass 4 200260 45675 42891 152797 0 Pass 5 199996 45821 42936 151900 0 Pass 6 199995 45538 42912 152137 0 Pass 7 200245 4544 43010 151337 0 Pass 8 200344 45786 43053 151315 0 Pass 9 199624 45329 42517 151278 0 Pass 10 199857 45370 42355 151436 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: Normalization constant:	1.50 64.00 64.00 1720 50.0000 0.0127 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	Cycle Singles Doubles Triples Mass QC Tests 1 3334, 867 39, 867 0,000 0,000 Pass 2 3334, 950 45, 417 0,000 0,000 Pass 3 3329, 100 41, 250 0,000 0,000 Pass 4 3337, 667 46, 400 0,000 0,000 Pass 5 3333, 250 43, 767 0,000 0,000 Pass 7 3337, 417 40,900 0,000 0,000 Pass 8 3339, 067 45,550 0,000 0,000 Pass 9 3327,067 46,867 0,000 0,000 Pass 10 3330,950 50,250 0,000 0,000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000	

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                              Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                                       0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                               Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                                                                 Number passive cycles:
                                                                                                                                                                                                                                                                                                              Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                            Passive error messages
                                                                19. 11. 06 09:08:57
9B6J0857. VER
                                                                                                                                                                                                                                                                                            No passive calibration curve calibration
No known alpha calibration
              PC1 201911
XXXX
Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                            Results
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                                                                                                                                                                                                                    1092. 878 +-
4. 570 +-
0. 000 +-
53. 368 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                             0. 872
0. 457
0. 000
0. 230
0. 000
                                                                                                                                                                                                                                                                                                                                                              Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                                                                                                            Scaler 1:
Scaler 2:
                                                                On
Sample method
Measured
                                                                                                                                                                                                                                                                                            Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                                                Scaler2 QC Tests
O Pass
                                                                                                                                                                                                                                                                                                                Singles
65528
65596
                                                                                                                                                                                                                                                                                                                                                                                                     Scaler1
3218
3149
                                                                                                                                                                                                                                                                                            Cycle
                                                                                                                                                                                                                                                                                                                                                                               A
4639
4600
                                                                                                                                                                                                                                                                                                                                                    4849
5001
                          Isotopics id: Default
                                                               0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                    4883
4913
4856
4785
4818
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                           3155
3207
3214
3283
                                                                                                                                                                                                                                                                                                                      65769
                                                                                                                                                                                                                                                                                                                                                                                4525
4691
4675
4645
4539
4545
4590
4504
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0
0
0
0
0
0
                                                                                                   0.0000
0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
10.11.00
                                                                                                                                                               0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                      65758
65713
65345
65452
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
                                            Pu241:
                                                                                                                                                                                                                                                                                                                                                                                                            3253
                                                                                                                                                                                                                                                                                                                                                                                                           3197
3152
3193
                                            Pu242:
                                                                                                                                                                                                                                                                                                                      65298
65540
                                                                                                                                                                                                                                                                                                                                                    4868
4851
                                      Pu242:
Pu date:
Am241:
Am date:
                                                                00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                             19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                    0.0000
                                                                                                                                                                 0.0000
                                                                                                                                                                                                                                                                                                  10
                                                                                                                                                                                                                                                                                                                      65666
                                                                 1. 50
64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                            Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                            Cycle
                                                                                                                                                                                                                                                                                                                        Singles
                                                                                                                                                                                                                                                                                                                                                                                                Triples
                                                                                                                                                                                                                                                                                                                                                                                                                                          Mass QC Tests
                                                                                                                                                                                                                                                                                                                                                           Doubles
                                                                                                                                                                                                                                                                                                                      1092. 236
1093. 370
1096. 254
1096. 071
                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                3. 501
6. 686
5. 969
3. 701
3. 018
2. 334
4. 652
5. 385
4. 352
6. 102
                                                                                                                                                                                                                                                                                                   2
3
4
5
6
7
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                      1095, 320
                                                                                                                                                                                                                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                                                                                      1089 186
                                                                                                                                                                                                                                                                                                                      1089, 166
1090, 970
1088, 402
1092, 436
1094, 537
                                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                          1.0000 +-
                                                                                                           0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                          0.000 +-
0.000 +-
                                                                                                              (1)
                                                                                                                                                                                                                                                                                                                                                                                                           (2)
```

	201911_AFAS-P Collar_Position2.txt	201911_AFAS-P Collar_Position2.txt
INCC 5.1.2 Facility: Material balance area:	JMOX JM2G	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Detector type: Detector id: Electronics id:	JMZU AFAS JSR_03 JSR-12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code: Measurement date: Results file name:	19.11.06 09:26:02 9B6J2602 VER	Passive error messages No passive calibration curve calibration No known alpha calibration
Inspection number: Item id: Stratum id:	PC2 201911 XXXX	Results
Material type: Original declared mass: Measurement option: Data source: QC tests: Error calculation:	Pu 0.000 Verification Review disk file On Sample method	Singles: 1339.950 +- 1.154 Doubles: 7.180 +- 0.883 Triples: 0.000 +- 0.000 Scaler 1: 45.387 +- 0.357 Scaler 2: 0.000 +- 0.000
Accidentals method: Inspector name: Passive comment:	Wessured	Passive cycle raw data Cycle Singles R+A A Scaler1 Scaler2 QC Tests
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default 00 0.0000 +- 0.0000	1 80174 7277 7116 2666 0 Pass 2 80322 7177 6753 2800 0 Pass 3 80418 7268 6990 2729 0 Pass 4 80351 7418 6973 2742 0 Pass 5 80568 7232 6997 2807 0 Pass 6 80541 7406 6809 2658 0 Pass 7 80556 7381 6985 2726 0 Pass 8 8 80343 7399 6902 2672 0 Pass 8 8 80343 7399 6902 2672 0 Pass 10 79929 7266 6626 2810 0 Pass
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient Geadtime: Coefficient Greatime: Coefficient Geadtime: Triples gate fraction: Triples gate fraction: Normalization constant: Passive singles bkgrnd:	1.50 64.00 1720 50.0000 0.1620 86.5000 0.3458 0.0299 0.0000 0.00001 1.0000 ← 0.0000	Cycle Singles Doubles Triples Mass QC Tests 1 1336.388 2.685 0.000 0.000 Pass 2 1338.855 7.070 0.000 0.000 Pass 3 1340.455 4.635 0.000 0.000 Pass 4 1339.338 7.420 0.000 0.000 Pass 5 1342.966 3.918 0.000 0.000 Pass 6 1342.506 9.955 0.000 0.000 Pass 7 1342.756 6.603 0.000 0.000 Pass 8 1339.205 8.287 0.000 0.000 Pass 9 1344.740 10.555 0.000 0.000 Pass 10 1332.303 10.672 0.000 0.000 Pass
Passive doubles bkgrnd:	0.000 +- 0.000	

(2)

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201911_AFAS-P Collar_Position3.txt
                                                                                                                                                                                                                                                                                                                                            201911_AFAS-P Collar_Position3.txt
                                                                                                                                                                                                                                                                                                                                               0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                           Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                            0.000
   Facility: JMOX
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                            Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                              Number passive cycles:
                                                                                                                                                                                                                                                                                          Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                         Passive error messages
                                                            19. 11. 06 09:42:06
9B6J4206. VER
                                                                                                                                                                                                                                                                         No passive calibration curve calibration
No known alpha calibration
             PC3 201911
XXXX
                                                                                                                                                                                                                                                                         Results
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                            729. 128 +-
2. 097 +-
0. 000 +-
58. 323 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                      Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                                                                                                                                                                1. 712
0. 281
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                0. 169
0. 000
                                                                                                                                                                                                                                                                                                                                     Scaler 1:
                                                                                                                                                                                                                                                                                                                                    Scaler 2:
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                         Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                   Scaler2 QC Tests
O Pass
                                                                                                                                                                                                                                                                                           Singles
43946
43533
                                                                                                                                                                                                                                                                         Cycle
                                                                                                                                                                                                                                                                                                                                                                           Scaler1
                                                                                                                                                                                                                                                                                                                                                      A
2040
2006
                                                                                                                                                                                                                                                                                                                             2172
2096
                                                                                                                                                                                                                                                                                                                                                                                 3561
3532
                        Isotopics id: Default
                                                           0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                             2194
2144
2214
2200
                                                                                                                                                                                                                                                                                                                                                      2031
1992
2115
1975
                                                                                                                                                                                                                                                                                                 44212
                                                                                                                                                                                                                                                                                                                                                                                3467
3483
3497
3494
3483
3463
3481
3533
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0
0
0
0
0
0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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43713
43518
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Pass
Pass
Pass
Pass
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2026
2140
1958
                                                                                                                                                                                                                                                                                                                             2213
2072
2227
2047
                                         Pu241:
                                                                                                                                                                                                                                                                                                 43943
                                         Pu242:
                                                                                                                                                                                                                                                                                                 43503
                                    Pu242:
Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                     19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                                                                                                                                                                                                                 44225
                                                                                             0.0000
                                                                                                                                                      0.0000
                                                                                                                                                                                                                                                                               10
                                                                                                                                                                                                                                                                                                 43248
                                                                                                                                                                                                                                                                         Passive cycle rate data
                                                              1. 50
64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                         Cycle
                                                                                                                                                                                                                                                                                                   Singles
                                                                                                                                                                                                                                                                                                                                                                      Triples
                                                                                                                                                                                                                                                                                                                                                                                                             Mass QC Tests
                                                                                                                                                                                                                                                                                                                                    Doubles
                                                                                                                                                                                                                                                                                                   732. 480
725. 596
736. 914
726. 846
                                                                                                                                                                                                                                                                                                                                        2. 201
1. 500
2. 717
2. 534
                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                   728. 596
725. 345
732. 430
725. 095
737. 130
720. 845
                                                                                                                                                                                                                                                                                                                                        1. 650
3. 751
2. 917
0. 767
1. 450
1. 484
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0. 000
0. 000
0. 000
0. 000
0. 000
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Pass
Pass
Pass
Pass
Pass
Pass
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0. 000
0. 000
0. 000
                                                                     1.0000 +-
                                                                                                    0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     0.000 +-
0.000 +-
                                                                                                      (1)
                                                                                                                                                                                                                                                                                                                                                                                (2)
```

	201911_AFAS-P Collar_Position4.txt		201911_AF	AS-P Collar_P	osition4.txt
INCC 5. 1. 2		Passive triples b	kgrnd: 0.000 +	- 0.000	
		Passive scaler1 b	kgrnd: 0.000	0.000	
Facility: Material balance area:	JMOX JM2G	Passive scaler2 b	kgrnd: 0.000		
Detector type:	JM2G AFAS	Number passive c	vcles: 10		
Detector id:	JSR_03	Count time			
Electronics id:	JSR-12				
Inventory change code: I/O code:		Passive error mess	ages		
Measurement date:	19. 11. 06 09:58:10	No passive calibra	tion curve calibrat	ion	
Results file name:	9B6J5810. VER	No known alpha cal			
Inspection number:	PO4 904044				
Item id: Stratum id:	PC4 201911 XXXX	Results			
Material type:			Singles:	1535, 194	⊢ 1, 173
Original declared mass:			Doubles:	9. 293	
Measurement option:	Verification		Triples:	0.000	
Data source: QC tests:	Review disk file On		Scaler 1: Scaler 2:	253. 387 · 0. 000 ·	
Error calculation:	Sample method		Scarer 2.	0.000	0.000
Accidentals method:	Measured	Passive cycle raw	data		
Inspector name:					
Passive comment:		Cycle Singles 1 92019	R+A A 9550 9003	Scaler1 15134	Scaler2 QC Tests 0 Pass
Isotopics id:	Default	2 91883	9457 8908	15214	0 Pass
Isotopics source code:	OD	3 92122	9616 9136	15089	0 Pass
Pu238:	0.0000 +- 0.0000 0.0000 +- 0.0000	4 92183	9647 9091	15266	0 Pass
Pu239:	0.0000 + 0.0000 0.0000 + 0.0000	5 91812	9764 9017	15408	0 Pass
Pu240: Pu241:	100.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000	6 92518 7 92380	9774 9093 9656 9070	15347 15042	0 Pass 0 Pass
Pu242:	0.0000 + 0.0000 0.0000 + 0.0000	8 91958	9466 9189	15119	0 Pass
Pu date:	00. 01. 01 19. 11. 06	9 91948	9593 8949	15373	0 Pass
Am241:	0.0000 + 0.0000	10 92171	9664 9158	15040	0 Pass
Am date:	00. 01. 01 19. 11. 06	Passive cycle rate	data		
Predelay:	1.50	1 400110 0,016 1416	44.54		
Gate length:	64. 00	Cycle Singles	Doubles	Triples	Mass QC Tests
2nd gate length:	64.00	1 1533.853		0.000	0.000 Pass
High voltage: Die awav time:	1720 50, 0000	2 1531.586 3 1535.571	9. 155 8. 004	0. 000 0. 000	0.000 Pass 0.000 Pass
Efficiency:	0.1620	4 1536, 587	9. 272	0.000	0.000 Pass
Multiplicity deadtime:	86. 5000	5 1530. 402		0.000	0. 000 Pass
Coefficient A deadtime:	0. 3458	6 1542.172		0.000	0.000 Pass
Coefficient B deadtime: Coefficient C deadtime:	0. 0299 0. 0000	7 1539. 872 8 1532. 836		0. 000 0. 000	0.000 Pass 0.000 Pass
Doubles gate fraction:	0.0000	9 1532, 630		0.000	0.000 Pass 0.000 Pass
Triples gate fraction:	0.0001	10 1536. 387	8. 438	0. 000	0.000 Pass
Normalization constant:	1.0000 ÷ 0.0000				
Passive singles bkgrnd:	0.000 +- 0.000				
Passive doubles bkgrnd:	0.000 + 0.000				

(2)

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201911_AFAS-P Collar_Position5.txt
                                                                                                                                                                                                                                                                                                                                           0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                        Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                        0.000
   Facility: JMOX
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                         Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                           Number passive cycles:
                                                                                                                                                                                                                                                                                       Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                      Passive error messages
                                                           19. 11. 06 10:14:14
9B6K1414. VER
                                                                                                                                                                                                                                                                      No passive calibration curve calibration
No known alpha calibration
             PC5 201911
                                                                                                                                                                                                                                                                      Results
                                                           XXXX
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                      1366. 400 +-
6. 205 +-
0. 000 +-
136. 797 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                            1. 454
0. 424
0. 000
0. 263
0. 000
                                                                                                                                                                                                                                                                                                                                   Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                                                                                 Scaler 1:
Scaler 2:
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                      Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                               Scaler2 QC Tests
O Pass
                                                                                                                                                                                                                                                                                        Singles
82215
82132
                                                                                                                                                                                                                                                                      Cycle
                                                                                                                                                                                                                                                                                                                                                                        Scaler1
                                                                                                                                                                                                                                                                                                                                                   A
7193
7306
7174
7141
7159
7272
7247
7448
7088
                                                                                                                                                                                                                                                                                                                          7560
7651
                                                                                                                                                                                                                                                                                                                                                                             8209
8231
                        Isotopics id: Default
                                                           0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                         7687
7466
7562
7689
7610
    Isotopics source code:
Pu238:
Pu239:
Pu240:
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8183
8300
8215
                                                                                                                                                                                                                                                                                              81845
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0
0
0
0
0
0
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0.0000
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0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
10.11.00
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0. 0000
0. 0000
0. 0000
0. 0000
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81701
82256
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Pass
Pass
Pass
                                         Pu241:
                                                                                                                                                                                                                                                                                              81769
                                                                                                                                                                                                                                                                                                                                                                             8220
                                         Pu242:
                                                                                                                                                                                                                                                                                              82322
                                                                                                                                                                                                                                                                                                                           7736
7548
                                                                                                                                                                                                                                                                                                                                                                              8167
8106
                                   Pu242:
Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                    19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                                                                                                                                                                                                              81461
                                                                                            0.0000
                                                                                                                                                    0.0000
                                                                                                                                                                                                                                                                            10
                                                                                                                                                                                                                                                                                              82037
                                                                                                                                                                                                                                                                                                                                                                             8229
                                                                                                                                                                                                                                                                      Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                  1.50
64.00
                                                                                                                                                                                                                                                                      Cycle
                                                                                                                                                                                                                                                                                                Singles
                                                                                                                                                                                                                                                                                                                                                                  Triples
                                                                                                                                                                                                                                                                                                                                                                                                         Mass QC Tests
                                                                                                                                                                                                                                                                                                                                Doubles
                                                              64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                              1370. 412
1369. 029
1364. 244
1366. 912
                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                    6. 120
5. 753
8. 554
5. 419
6. 720
6. 953
6. 053
4. 802
7. 670
4. 002
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                             5
6
7
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1371.096
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0.000
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1372. 196
1357. 843
1367. 445
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0. 000
0. 000
0. 000
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0. 000
0. 000
0. 000
                                                                     1.0000 +-
                                                                                                   0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     0.000 +-
0.000 +-
                                                                                                     (1)
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	201911_AFAS-P Collar_Position	6. txt			20	01911 AFAS	G-P Collar_Pos	ition6 tx	t
INCC 5. 1. 2	201011,211.10 1 001141,3 00111101	v. 2/12		e triples bkg	grnd:	0.000 +-	0. 000	rerono. ex	
Facility: Material balance area:	JMOX JM2G			e scaler1 bkg e scaler2 bkg		0. 000 0. 000			
Detector type: Detector id:	AFAS JSR_03			r passive cyc Count time (s		10 60			
Electronics id: Inventory change code: I/O code:	JSR-12		Passive	error messag	ges				
Measurement date: Results file name: Inspection number:	19. 11. 06 10:29:18 9B6K2918. VER			ive calibrat m alpha calib		alibratio	on		
Item id: Stratum id:	PC6 201911 XXXX		Results						
Material type: Original declared mass: Measurement option: Data source:	Verification Review disk file				Sing Doub Trip Scale	oles: oles: er 1:	1844. 816 +- 13. 429 +- 0. 000 +- 68. 342 +-		0 0 17
QC tests: Error calculation: Accidentals method: Inspector name:	On Sample method Measured		Passive	cycle raw da	Scale ata	er 2:	0.000 +-	0. 00	D
Passive comment:			Cycle 1	Singles 111254	R+A 14014	A 13152	4138	0	QC Tests Pass
Isotopics id: Isotopics source code: Pu238: Pu239:	Default OD 0.0000 +- 0.0000 0.000 0.0000 +- 0.0000 0.000		2 3 4 5	110724 110571 110208 110957	13955 13973 13730 13757	12975 13022 13036 13136	4173 4117 4116 4072	0	Pass Pass Pass Pass
Pu240: Pu241: Pu242: Pu date:	100.0000 +- 0.0000 100.000 0.0000 +- 0.0000 0.000 0.0000 +- 0.0000 0.000 00.01.01 19.11.0	0 +- 0.0000 0 +- 0.0000	6 7 8 9	110843 110861 111185 110338	13940 13977 13895 13690	13107 13197 13175 13226	3974 4158 4066 4099	0	Pass Pass Pass Pass
Am241: Am date:	0.0000 + 0.0000 0.000 00.01.01 19.11.0	0.0000	10	109772	13781	12634	4092		Pass
Predelay:	1. 50		Passive	cycle rate	data				
Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime:	64. 00 64. 00 1720 50. 0000 0. 1620 86. 5000		Cycle 1 2 3 4 5	Singles 1854, 531 1845, 694 1843, 144 1837, 092 1849, 579	Doub I 14. 3 16. 3 15. 8 11. 5	376 344 360 574	Triples 0.000 0.000 0.000 0.000 0.000	0. 000 0. 000	QC Tests Pass Pass Pass Pass Pass
Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0. 3458 0. 0299 0. 0000 0. 0001 0. 0001		6 7 8 9	1847. 678 1847. 979 1853. 380 1839. 259 1829. 823	13. 8 13. 0 12. 0 7. 7 19. 1	392 008 008 738	0. 000 0. 000 0. 000 0. 000 0. 000	0. 000 0. 000 0. 000 0. 000	Pass Pass Pass Pass Pass
Normalization constant:	1.0000 +- 0.0000								
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000								

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                       Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                             0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                        Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                                          Number passive cycles:
                                                                                                                                                                                                                                                                                                       Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                     Passive error messages
                                                              19. 11. 06 10:46:23
9B6K4623. VER
                                                                                                                                                                                                                                                                                     No passive calibration curve calibration
No known alpha calibration
              PC7 201911
                                                                                                                                                                                                                                                                                     Results
                                                              XXXX
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                           4731. 622 +-
91. 969 +-
0. 000 +-
107. 582 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                  1. 944
2. 465
0. 000
0. 448
0. 000
                                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                                                                                                    Scaler 1:
                                                                                                                                                                                                                                                                                                                                                   Scaler 2:
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                     Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                                     Scaler2 QC Tests
O Pass
                                                                                                                                                                                                                                                                                                        Singles
284568
283587
                                                                                                                                                                                                                                                                                                                                                                                           Scaler1
6442
6571
                                                                                                                                                                                                                                                                                                                                         R+A
91615
91456
                                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                                                    85924
86194
                         Isotopics id: Default
                                                              0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                           283760
283453
284000
283749
283524
                                                                                                                                                                                                                                                                                                                                         91627
90998
91731
91747
91533
91065
91456
                                                                                                                                                                                                                                                                                                                                                                                                  6561
6361
6438
6519
6459
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                    86150
86021
86363
85978
                                                                                                                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                     85267
                                           Pu241:
                                                                                                                                                                                                                                                                                                          283294
284105
283772
                                           Pu242:
                                                                                                                                                                                                                                                                                                                                                                     86040
                                                                                                                                                                                                                                                                                                                                                                                                   6391
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                          19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                                                                                                                                                                                                                                                                                    86403
85483
                                                                                                                                                                                                                                                                                                                                                                                                  6497
6310
                                                                                                 0.0000
                                                                                                                                                                                                                                                                                           10
                                                                                                                                                             0.0000
                                                                                                                                                                                                                                                                                     Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                Singles
                                                                                                                                                                                                                                                                                                                                                                                      Triples
                                                                                                                                                                                                                                                                                                                                                                                                                               Mass QC Tests
                                                                                                                                                                                                                                                                                                                                                  Doubles
                                                                 64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                              4744. 746
4728. 382
4731. 268
4726. 147
                                                                                                                                                                                                                                                                                                                                                     95. 006
87. 844
91. 433
83. 086
                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                  89. 613
96. 307
104. 604
83. 887
84. 355
103. 553
                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                               4735, 271
                                                                                                                                                                                                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                                                                             4735. 271
4731. 085
4727. 332
4723. 495
4737. 023
4731. 468
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                         1.0000 +-
                                                                                                         0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.000 +-
0.000 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                 (2)
```

	201911_AFAS-P Collar_Position8.txt	201911_AFAS-P Collar_Position8.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JM26 AFAS JSR_03 JSR-12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:	001 12	Passive error messages
Measurement date: Results file name: Inspection number:	19.11.06 11:02:27 986L0227. VER	No passive calibration curve calibration No known alpha calibration
Item id: Stratum id:	PC8 201911 XXXX	Results
Material type: Original declared mass: Measurement option: Data source: QC tests: Error calculation:	Pu 0.000 Verification Review disk file On Sample method	Singles: 41192, 890 +- 6, 331 Doubles: 7077, 991 +- 20, 764 Triples: 0, 000 +- 0, 000 Scaler 1: 332, 198 +- 0, 861 Scaler 2: 0, 000 +- 0, 000
Accidentals method: Inspector name:	Measured	Passive cycle raw data
Passive comment: Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default OD 0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 2461975 6890167 646348 20120 0 Pass 2 24646666 6896354 6478393 20171 0 Pass 3 2463733 6890946 6478380 19967 0 Pass 4 2463706 6895600 6473740 19780 0 Pass 5 2462057 6882429 6465344 19841 0 Pass 6 2462344 6899400 6470348 19741 0 Pass 7 2462344 6879373 6464423 19700 0 Pass 8 2463456 6892728 6475520 20068 0 Pass 9 2461832 682307 6464430 20012 0 Pass 10 2460692 6879282 6457429 19919 0 Pass
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Doubles gate fraction: Triples gate fraction: Normalization constant: Passive singles bkgrnd: Passive doubles bkgrnd:	1.50 64.00 64.00 1720 50.0000 0.1620 86.5000 0.3458 0.0299 0.0000 0.0001 1.0000 + 0.0000 0.0000 0.0000 0.000 0.0000	Cycle Singles Doubles Triples Mass QC Tests 1 41179, 249 7207, 217 0.000 0.000 Pass 2 41224, 420 7066, 029 0.000 0.000 0.000 Pass 3 41208, 759 6974, 784 0.000 0.000 0.000 Pass 4 41208, 306 7131, 906 0.000 0.000 Pass 5 41180, 626 7051, 113 0.000 0.000 Pass 6 41203, 421 7084, 422 0.000 0.000 Pass 7 41185, 443 7015, 031 0.000 0.000 Pass 8 41204, 109 7053, 250 0.000 0.000 Pass 9 41176, 849 7064, 493 0.000 0.000 Pass 10 41157, 713 7131, 663 0.000 0.000 Pass

(2)

```
201911_AFAS-P Collar_Position9.txt
                                                                                                                                                                                                                                                                                                                                            201911_AFAS-P Collar_Position9.txt
                                                                                                                                                                                                                                                                                                                                               0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                           Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                            0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                           Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                             Number passive cycles:
                                                                                                                                                                                                                                                                                         Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                         Passive error messages
                                                           19. 11. 06 11:18:31
9B6L1831. VER
                                                                                                                                                                                                                                                                         No passive calibration curve calibration
No known alpha calibration
             PC9 201911
                                                                                                                                                                                                                                                                         Results
                                                           XXXX
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                          7863. 127 +-
249. 272 +-
0. 000 +-
1108. 095 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                      Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                                                                                                                                                               3. 473
4. 249
0. 000
1. 310
                                                                                                                                                                                                                                                                                                                                     Scaler 1:
                                                                                                                                                                                                                                                                                                                                    Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                               0.000
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                         Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                   Scaler2 QC Tests
O Pass
                                                                                                                                                                                                                                                                                          Singles
471493
472508
                                                                                                                                                                                                                                                                                                                        R+A
252982
253926
                                                                                                                                                                                                                                                                         Cycle
                                                                                                                                                                                                                                                                                                                                                                           Scaler1
                                                                                                                                                                                                                                                                                                                                                  A
237369
239018
                                                                                                                                                                                                                                                                                                                                                                              66802
66233
                         Isotopics id: Default
                                                                                                                                                                                                                                                                                             472508
470652
470861
470824
470882
472102
471597
472245
471506
                                                           0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                        251399
251424
251111
251186
                                                                                                                                                                                                                                                                                                                                                  236750
236525
237318
236835
                                                                                                                                                                                                                                                                                                                                                                              66617
65991
66253
66587
                                                                                                                                                                                                                                                                                                                                                                                                                 0
0
0
0
0
0
0
                                                                                            0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
10.11.00
                                                                                                                                                    0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                        252703
252029
253528
253373
                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                  237588
237836
238573
                                         Pu241:
                                                                                                                                                                                                                                                                                                                                                                              66594
                                         Pu242:
                                                                                                                                                                                                                                                                                                                                                                              66623
                                    Pu242:
Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                     19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                                                                                                                                                                                                                                                                                              66484
66673
                                                                                             0.0000
                                                                                                                                                     0.0000
                                                                                                                                                                                                                                                                              10
                                                                                                                                                                                                                                                                                                                                                  236692
                                                                                                                                                                                                                                                                         Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                  1.50
64.00
                                                                                                                                                                                                                                                                         Cycle
                                                                                                                                                                                                                                                                                                  Singles
                                                                                                                                                                                                                                                                                                                                                                     Triples
                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
                                                                                                                                                                                                                                                                                                                                   Doub I es
                                                              64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                 7863. 561
7880. 500
7849. 525
7853. 013
                                                                                                                                                                                                                                                                                                                                    260. 925
249. 145
244. 814
248. 992
                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                 7852. 395
7853. 363
                                                                                                                                                                                                                                                                                                                                    230. 508
239. 834
                                                                                                                                                                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                 7853. 363
7873. 724
7865. 296
7876. 111
7863. 777
                                                                                                                                                                                                                                                                                                                                   259. 634
252. 604
237. 194
249. 930
278. 774
                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                     1.0000 +-
 Normalization constant:
                                                                                                    0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     0.000 +-
0.000 +-
                                                                                                      (1)
                                                                                                                                                                                                                                                                                                                                                                                (2)
```

	201911_AFAS-P Collar_Position10.txt		201911_AFAS-	-P Collar_Position10.txt
INCC 5. 1. 2		Passive triples bk	grnd: 0.000 +-	0. 000
Facility:	JMOX	Passive scaler1 bk Passive scaler2 bk		
Material balance area:	JM2G	Number of the second	-1 10	
Detector type: Detector id:	AFAS JSR_03	Number passive cy Count time (
Electronics id: Inventory change code:	JSR-12	Passive error messa	ges.	
I/O code:			~	
Measurement date: Results file name: Inspection number:	19. 11. 06 13:15:03 9B6N1503. VER	No passive calibrat No known alpha cali	ion curve calibratio bration	n
Item id:	PC10 201911	Results		
Stratum id: Material type:	XXXX Pu		Singles:	3334.721 + 1.223
Original declared mass:	0. 000		Doubles:	44.887 + 1.063
Measurement option: Data source:	Verification Review disk file		Triples: Scaler 1:	0. 000 + 0. 000 2529. 858 + 2. 510
QC tests: Error calculation:	On Sample method		Scaler 2:	0.000 +- 0.000
Accidentals method: Inspector name:	Measured	Passive cycle raw d	ata	
Passive comment:		Cycle Singles	R+A A	Scaler1 Scaler2 QC Tests 151761 0 Pass
Isotopics id:	Default	1 200092 2 200097	45128 42736 45359 42634	151761 0 Pass 151926 0 Pass
Isotopics source code: Pu238:	0D 0,0000 +- 0,0000 0,0000 +- 0,0000	3 199746 4 200260	45176 42701 45675 42891	152028 0 Pass 152797 0 Pass
Pu239:	0.0000 +- 0.0000	5 199996	45821 42936	152/9/ 0 Pass 151900 0 Pass
Pu240:	100.0000 +- 0.0000 100.0000 +- 0.0000	6 199995	45538 42912	152137 0 Pass
Pu241:	0.0000 + 0.0000 0.0000 + 0.0000	7 200245 8 200344	45464 43010	151337 0 Pass
Pu242: Pu date:	0.0000 +- 0.0000 0.0000 +- 0.0000 00.01.01 19.11.06	8 200344 9 199624	45786 43053 45329 42517	151315 0 Pass 151278 0 Pass
Am241: Am date:	0.0000 + 0.0000 0.0000 + 0.0000 00.01.01 19.11.06	10 199857	45370 42355	151436 0 Pass
Predelay:	1.50	Passive cycle rate	data	
Gate length:	64. 00	Cycle Singles		Triples Mass QC Tests
2nd gate length:	64. 00	1 3335. 829	39. 913	0.000 0.000 Pass
High voltage:	1720	2 3335. 912	45. 469	0.000 0.000 Pass
Die away time: Efficiency:	50. 0000 0. 1620	3 3330. 059 4 3338. 630	41. 298 46. 454	0. 000 0. 000 Pass 0. 000 0. 000 Pass
Multiplicity deadtime:	86. 5000	5 3334. 228	48. 139	0.000 0.000 Pass 0.000 0.000 Pass
Coefficient A deadtime:	0. 3458	6 3334, 211	43, 817	0.000 0.000 Pass
Coefficient B deadtime:	0. 0299	7 3338. 380	40. 947	0.000 0.000 Pass
Coefficient C deadtime:	0.0000	8 3340.031	45. 603	0.000 0.000 Pass
Doubles gate fraction:	0. 0001	9 3328. 024	46. 921	0.000 0.000 Pass
Triples gate fraction:	0.0001	10 3331.910	50. 308	0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000			
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000			

(2)

```
201911_AFAS-P Top Fork_Position1.txt
                                                                                                                                                                                                                                                                                                                                 201911_AFAS-P Top Fork_Position1.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                       0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                     Passive triples bkgrnd:
Passive scaler1 bkgrnd:
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                     Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                       Number passive cycles:
                                                                                                                                                                                                                                                                                   Count time (sec)
                                                          JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                   Passive error messages
                                                          19.11.06 09:08:51
9B6J0851.VER
                                                                                                                                                                                                                                                                   No known alpha calibration
            Results
                                                          PT1 201911
                                                                                                                                                                                                                                                                                                                            Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                          XXXX
                                                                                                                                                                                                                                                                                                                                                                      40.963 +-
                                                                                                                                                                                                                                                                                                                                                                                                      0.216
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                         Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                    -0. 022 +-
0. 000 +-
102. 168 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                      0. 022
0. 000
0. 207
0. 000
                                                          Sample method
Measured
                                                                                                                                                                                                                                                                   Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                          Singles
2400
2418
2447
                                                                                                                                                                                                                                                                                                                                                                  Scaler1
6086
6096
6100
                                                                                                                                                                                                                                                                   Cycle
                        Isotopics id:
                                                          Default
                                                          0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                        6105
6187
6171
6193
                                                                                                                                                                                                                                                                                            2520
                                                                                                                                                                                                                                                                                                                                                                                                        0
0
0
0
0
0
                                                                                          0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                  0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
10.11.00
                                                                                                                                                 0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                            2421
2467
2472
                                                                                                                                                                                                                                                                                                                                                    6
10
5
11
5
                                                                                                                                                                                                                                                                                                                                                                       6129
6117
6117
                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
                                                                                                                                                                                                                                                                        8
9
10
                                        Pu241:
                                                                                                                                                                                                                                                                                            2523
                                        Pu242:
                                                                                                                                                                                                                                                                                            2468
2442
                                   Pu date:
Am241:
Am date:
                                                          00. 01. 01
0. 0000
00. 01. 01
                                                                                                                  19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                           0.0000
                                                                                                                                                  0.0000
                                                                                                                                                                                                                                                                   Passive cycle rate data
                                                           1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                            Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                            Singles
                                                                                                                                                                                                                                                                                                                            Doubles
-0.033
-0.050
-0.083
0.017
-0.100
0.117
-0.067
0.017
-0.083
0.050
                                                                                                                                                                                                                                                                   Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                 Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                               40,000
                                                                                                                                                                                                                                                                                               40. 000
40. 300
40. 783
42. 000
40. 350
41. 117
41. 200
                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                         6
7
                                                                                                                                                                                                                                                                                               41. 200
42. 050
41. 133
40. 700
                                                                    1.0000 +-
 Normalization constant:
                                                                                                  0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                    0.000 +-
0.000 +-
                                                                                                    (1)
                                                                                                                                                                                                                                                                                                                                                                       (2)
```

	201911_AFAS-P Top Fo	rk_Position2.tx1	:			20191	1_AFAS-F	Top Fork_F	Position2.txt
INCC 5. 1. 2					ve triples bk ve scaler1 bk		000 ← 000	0.000	
Facility: Material balance area: Detector type:	JM2G				ve scaler2 bk er passive cv	-	10		
Detector id: Electronics id:					Count time (sec):	60		
Inventory change code: I/O code:				Passiv	e error messa	ges			
Measurement date: Results file name: Inspection number:	19. 11. 06 09:25:56 9B6J2556. VER			No kno Result:	vn alpha cali	bration			
	PT2 201911			Result	5	Single		62. 118 +	— 0. 249
Material type: Original declared mass:	Pu					Double Triple	s:	0. 022 ± 0. 000 ±	─ 0.027
Measurement option: Data source:	Review disk file					Scaler Scaler		172. 450 ± 0. 000 ±	
QC tests: Error calculation: Accidentals method:	On Sample method Measured			Passive	e cycle raw d	ata			
Inspector name: Passive comment:	measureu			Cycle 1	Singles 3727	R+A 16	A 15	Scaler1 10263	Scaler2 QC Tests 0 Pass
Isotopics id: Isotopics source code:	Default OD			2 3 4	3742 3649 3715	14 18 13	13 17 11	10356 10661 10314	0 Pass 0 Pass 0 Pass
Pu238: Pu239:	0. 0000 +- 0. 0000 0. 0000 +- 0. 0000	0.0000 +- 0.0000 +-	0. 0000 0. 0000	5	3668 3793	13 11	10 16	10218 10273	0 Pass 0 Pass
Pu240: Pu241:	100.0000 +- 0.0000 0.0000 +- 0.0000	100.0000 +- 0.0000 +-	0. 0000 0. 0000	7 8	3753 3690	10 22	17 12	10499 10329	0 Pass 0 Pass
Pu242: Pu date: Am241:	0.0000 +- 0.0000 00.01.01 0.0000 +- 0.0000	0.0000 +- 19.11.06 0.0000 +-	0. 0000 0. 0000	9 10	3784 3750	16 16	8 17	10185 10372	0 Pass 0 Pass
Am date:	00. 01. 01	19. 11. 06	0. 0000	Passive	e cycle rate	data			
Predelay: Gate length:	1.50 64.00			Cycle 1	Singles 62.117	Doubles 0. 017		riples 0.000	Mass QC Tests 0.000 Pass
2nd gate length: High voltage:	64. 00 1720			2 3	62. 367 60. 817	0. 017 0. 017		0.000	0.000 Pass 0.000 Pass
Die away time: Efficiency: Multiplicity deadtime:	50. 0000 0. 0126 0. 0000			4 5 6	61. 917 61. 133 63. 217	0. 033 0. 050 -0. 083		0. 000 0. 000 0. 000	0. 000 Pass 0. 000 Pass 0. 000 Pass
Coefficient A deadtime: Coefficient B deadtime:	0. 0000 0. 0000			7 8	62. 550 61. 500	-0. 117 0. 167		0. 000 0. 000	0. 000 Pass 0. 000 Pass
Coefficient C deadtime: Doubles gate fraction:	0. 0000 0. 0001			9 10	63. 067 62. 500	0. 133 -0. 017		0. 000 0. 000	0. 000 Pass 0. 000 Pass
Triples gate fraction: Normalization constant:	0. 0001 1. 0000 +- 0. 00	00							
Passive singles bkgrnd:	0.000 +- 0.00 0.000 +- 0.00								
Passive doubles bkgrnd:	0.000 + 0.00								
	(1)							(2)	

```
201911_AFAS-P Top Fork_Position3.txt
                                                                                                                                                                                                                                                                                                                                                           201911_AFAS-P Top Fork_Position3.txt
                                                                                                                                                                                                                                                                                                                                                                  0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                                0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                          Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                             Number passive cycles:
                                                                                                                                                                                                                                                                                                         Count time (sec)
                                                               JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                       Passive error messages
                                                               19. 11. 06 09:42:00
9B6J4200. VER
                                                                                                                                                                                                                                                                                       No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                       Results
                                                               PT3 201911
                                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                233, 438 +-
                                                               XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                      0.488
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                   0. 025 +-
0. 000 +-
55. 777 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                      0. 133
0. 000
0. 257
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                       Passive cycle raw data
                                                                                                                                                                                                                                                                                                           Singles
13845
14102
13935
                                                                                                                                                                                                                                                                                                                                            R+A
194
213
230
                                                                                                                                                                                                                                                                                                                                                                                               Scaler1
3338
3324
3345
                                                                                                                                                                                                                                                                                                                                                                                                                         Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                                                                         A
200
239
191
                                                                                                                                                                                                                                                                                        Cycle
                         Isotopics id: Default
                                                              0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                 14081
14062
13871
14007
14008
14066
14086
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                    3345
3346
3294
3329
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                 202
201
238
207
224
222
230
                                                                                                                                                                                                                                                                                                                                                                            219
197
188
231
224
231
226
                                                                                                                                                                                                                                                                                                                                                                                                                                        0
0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
10.11.00
                                                                                                                                                            0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
                                                                                                                                                                                                                                                                                             8
9
10
                                            Pu241:
                                                                                                                                                                                                                                                                                                                                                                                                     3475
                                            Pu242:
                                                                                                                                                                                                                                                                                                                                                                                                      3357
3313
                                      Pu242:
Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                           19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                  0.0000
                                                                                                                                                              0.0000
                                                                                                                                                                                                                                                                                       Passive cycle rate data
                                                                 1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                        Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                   Singles
230.750
                                                                                                                                                                                                                                                                                                                                                     Doubles
-0.100
-0.433
0.650
-0.283
0.067
0.833
-0.400
0.000
-0.150
0.067
                                                                                                                                                                                                                                                                                                                                                                                                                                Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                       Cvcle
                                                                                                                                                                                                                                                                                                                  230. 750
235. 033
232. 250
234. 683
234. 367
231. 183
233. 450
233. 467
234. 433
234. 767
                                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                               6
7
                                                                         1.0000 +-
                                                                                                          0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.000 +-
0.000 +-
                                                                                                            (1)
                                                                                                                                                                                                                                                                                                                                                                                                    (2)
```

	201911_AFAS-P Top Fork_Position4.txt	201911_AFAS-P Top Fork_Position4.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JM26 AFAS JSR_02 JSR-12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:	19. 11. 06 09:58:04 9B6J5804. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests: Error calculation:	PT4 201911 XXXXX PU 0.000 Verification Review disk file On Sample method	Singles: 896.635 ← 1.090
Accidentals method: Inspector name: Passive comment:	Measured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 53664 3268 3107 2639 0 Pass 2 54156 3372 3143 2617 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default 0D 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000	3 53446 3142 3004 2657 0 Pass 4 53953 3261 3085 2739 0 Pass 5 53630 3315 3022 2808 0 Pass 6 53978 3306 3089 2734 0 Pass 7 53694 3332 3040 2637 0 Pass 8 53714 3171 3023 2690 0 Pass 9 53896 3290 3020 2619 0 Pass 10 53850 3313 3058 2812 0 Pass
Am date: Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	00. 01. 01 19. 11. 06 1. 50 64. 00 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001	Passive cycle rate data Cycle Singles Doubles Triples Mass OC Tests 1 894.400 2.683 0.000 0.000 Pass 2 902.600 3.817 0.000 0.000 Pass 3 890.767 2.300 0.000 0.000 Pass 4 899.217 2.933 0.000 0.000 Pass 5 893.833 4.883 0.000 0.000 Pass 6 899.633 3.617 0.000 0.000 Pass 7 894.900 4.867 0.000 0.000 Pass 8 895.233 2.467 0.000 0.000 Pass 9 898.267 4.500 0.000 0.000 Pass 10 897.500 4.250 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000	
	(1)	(2)

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                               Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                                       0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                                Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                                                                  Number passive cycles:
                                                                                                                                                                                                                                                                                                               Count time (sec)
                                                                JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                             Passive error messages
                                                                19.11.06 10:14:08
9B6K1408.VER
                                                                                                                                                                                                                                                                                             No known alpha calibration
               Results
                                                                PT5 201911
                                                                                                                                                                                                                                                                                                                                                            Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                     2740, 347 +-
                                                                XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                             1, 452
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                               Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                         30. 292 +-
0. 000 +-
48. 245 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                             1. 312
0. 000
0. 208
0. 000
                                                                On
Sample method
Measured
                                                                                                                                                                                                                                                                                             Passive cycle raw data
                                                                                                                                                                                                                                                                                                                 Singles
164527
164630
164150
                                                                                                                                                                                                                                                                                                                                                  R+A
30660
30868
30758
                                                                                                                                                                                                                                                                                                                                                                                                      Scaler 1
2915
2872
2806
                                                                                                                                                                                                                                                                                                                                                                                                                                 Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                             Cycle
                                                                                                                                                                                                                                                                                                                                                                              A
28893
28949
28661
                          Isotopics id: Default
                                                               0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                              28790
29012
28776
28810
28899
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                  30136
31038
30820
30517
                                                                                                                                                                                                                                                                                                                                                                                                            2942
2897
2933
2890
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                     163864
                                                                                                                                                                                                                                                                                                                                                                                                                                                0
0
0
0
0
0
                                                                                                   0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                               0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                    164827
164654
164446
164327
164477
164306
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
                                             Pu241:
                                                                                                                                                                                                                                                                                                    8
                                                                                                                                                                                                                                                                                                                                                   30367
                                                                                                                                                                                                                                                                                                                                                                                                            2868
                                             Pu242:
                                                                                                                                                                                                                                                                                                                                                   30882
                                                                                                                                                                                                                                                                                                                                                                              28953
28656
                                                                                                                                                                                                                                                                                                                                                                                                             2921
2903
                                       Pu242:
Pu date:
Am241:
Am date:
                                                                00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                              19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                                                                                                                                                                                                                   10
                                                                                                    0.0000
                                                                                                                                                                 0.0000
                                                                                                                                                                                                                                                                                             Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                               Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                      Singles
2742.117
                                                                        1.50
64.00
                                                                                                                                                                                                                                                                                                                                                           Doubles
29, 450
31, 983
34, 950
22, 433
33, 767
34, 067
28, 450
24, 467
32, 150
31, 200
                                                                                                                                                                                                                                                                                             Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                                        Mass QC Tests
0.000 Pass
                                                                   64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                     2742. 117
2743. 833
2735. 833
2731. 067
2747. 117
2744. 233
2740. 767
2738. 783
2741. 283
2738. 433
                                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                    6
7
                                                                           1.0000 +-
                                                                                                            0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                           0.000 +-
0.000 +-
                                                                                                              (1)
                                                                                                                                                                                                                                                                                                                                                                                                            (2)
```

	201911_AFAS-P Top Fork_Position6.txt	201911_AFAS-P Top Fork_Position6.txt
INCC 5.1.2	JMOX	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type:	JM2G AFAS	Number passive cycles: 10
Detector id: Electronics id: Inventory change code: I/O code:		Count time (sec): 60 Passive error messages
Measurement date: Results file name:	19. 11. 06 10:29:12 9B6K2912. VER	No known alpha calibration
Inspection number: Item id: Stratum id:	XXXX	Results Singles: 35.952 ← 0.274
Material type: Original declared mass: Measurement option: Data source:	0.000 Verification Review disk file	Doubles: 0.008 ← 0.010 Triples: 0.000 ← 0.000 Scaler 1: 2359 100 ← 1.878 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 2243 4 3 141619 0 Pass 2 2202 3 6 141746 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	0D 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0	3 2141 2 1 142069 0 Pass 4 2170 6 6 141431 0 Pass 5 2092 6 3 141354 0 Pass 6 2190 6 4 141871 0 Pass 7 2162 3 5 141571 0 Pass 8 2110 5 5 141526 0 Pass 9 2183 3 2 141544 0 Pass 10 2078 8 6 140729 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001	Passive cycle rate data Cycle Singles Doubles Triples Mass QC Tests
Normalization constant: Passive singles bkgrnd:	1.0000 +- 0.0000 0.000 +- 0.000	
Passive doubles bkgrnd:	0.000 ÷ 0.000	(2)
	(1)	(2)

```
201911_AFAS-P Top Fork_Position7.txt
                                                                                                                                                                                                                                                                                                                                        201911_AFAS-P Top Fork_Position7.txt
                                                                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                              0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                                           0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                             Number passive cycles:
                                                                                                                                                                                                                                                                                        Count time (sec)
                                                           JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                        Passive error messages
                                                           19. 11. 06 10:46:17
9B6K4617. VER
                                                                                                                                                                                                                                                                        No known alpha calibration
             Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                        Results
                                                           PT7 201911
                                                                                                                                                                                                                                                                                                                                  Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                             32.388 +-
                                                           XXXX
                                                                                                                                                                                                                                                                                                                                                                                                              0.229
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                           0.005 +-
0.000 +-
807.965 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                              0. 020
0. 000
1. 160
0. 000
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                        Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                 Singles
1973
1894
1922
                                                                                                                                                                                                                                                                                                                                                                         Scaler1
48651
48622
48192
                                                                                                                                                                                                                                                                        Cycle
                         Isotopics id:
                                                           Default
                                                           0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                             48201
48699
48320
48745
                                                                                                                                                                                                                                                                                                   1978
                                                                                                                                                                                                                                                                                                                                                                                                                0
0
0
0
0
0
                                                                                            0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                    0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
10.11.00
                                                                                                                                                     0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                   1882
2024
1940
                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
                                                                                                                                                                                                                                                                             8
9
10
                                         Pu241:
                                                                                                                                                                                                                                                                                                   1965
                                                                                                                                                                                                                                                                                                                                                                             48578
                                         Pu242:
                                                                                                                                                                                                                                                                                                   1948
                                                                                                                                                                                                                                                                                                                                                                             48551
                                    Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000
00. 01. 01
                                                                                                                    19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                                                                                                                                                                                                                  1907
                                                                                                                                                                                                                                                                                                                                                                             48220
                                                                                             0.0000
                                                                                                                                                     0.0000
                                                                                                                                                                                                                                                                        Passive cycle rate data
                                                             1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                   Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                  Doubles
-0. 033
0. 017
0. 150
0. 033
0. 017
                                                                                                                                                                                                                                                                                                  Singles
                                                                                                                                                                                                                                                                                                                                                                                                        Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                        Cvcle
                                                                                                                                                                                                                                                                                                    32, 883
                                                                                                                                                                                                                                                                                                    31. 567
32. 033
32. 967
31. 367
                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                   31. 367
33. 733
32. 333
32. 750
32. 467
31. 783
                                                                                                                                                                                                                                                                                                                                      0. 017
0. 000
-0. 067
-0. 050
-0. 050
0. 033
                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                               6
7
                                                                     1.0000 +-
                                                                                                    0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     0.000 +-
0.000 +-
                                                                                                      (1)
                                                                                                                                                                                                                                                                                                                                                                               (2)
```

	201911_AFAS-P Top Fork_Position8.txt	201911_AFAS-P Top Fork_Position8.txt
INCC 5.1.2	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JM2G AFAS JSR_02	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name:	19.11.06 11:02:22 9B6L0222.VER	No known alpha calibration
Inspection number: Item id:	PT8 201911	Results
Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification Review disk file On	Singles: 45.807 ← 0.176 Doubles: 0.028 ← 0.015 Triples: 0.000 ← 0.000 Scaler 1: 239.128 ← 0.560 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	un Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 2719 8 7 14322 0 Pass 2 2708 7 9 14546 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 2764 7 7 14366 0 Pass 4 2786 8 6 14193 0 Pass 5 2738 6 8 14391 0 Pass 6 2716 9 9 14212 0 Pass 7 2815 8 3 14264 0 Pass 8 2736 9 6 14362 0 Pass 9 2744 10 3 14378 0 Pass 10 2758 13 10 14443 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	Cycle Singles Doubles Triples Mass QC Tests 1 45.317 0.017 0.000 0.000 Pass 2 45.133 -0.033 0.000 0.000 Pass 3 46.067 0.000 0.000 0.000 Pass 4 46.433 0.033 0.000 0.000 Pass 5 45.633 -0.033 0.000 0.000 Pass 6 45.267 0.000 0.000 0.000 Pass 7 46.917 0.083 0.000 0.000 Pass 8 45.000 0.050 0.000 0.000 Pass 9 45.733 0.117 0.000 0.000 Pass 10 45.967 0.050 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 + 0.000 0.000 + 0.000	
	(1)	(2)

```
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                              0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                                                            0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                                          Number passive cycles:
                                                                                                                                                                                                                                                                                                      Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                     Passive error messages
                                                              19. 11. 06 11:18:26
9B6L1826. VER
                                                                                                                                                                                                                                                                                     No known alpha calibration
              Results
                                                              PT9 201911
                                                                                                                                                                                                                                                                                                                                                  Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                             155, 142 +-
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                  0.520
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                               0. 128 +-
0. 000 +-
97. 427 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                  0. 095
0. 000
0. 402
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                     Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                         R+A
101
108
90
99
86
106
121
102
91
                                                                                                                                                                                                                                                                                                                                                                                                                     Singles
9250
9319
9354
                                                                                                                                                                                                                                                                                                                                                                                           Scaler 1
5878
5690
5900
                                                                                                                                                                                                                                                                                                                                                                      A
107
69
88
                                                                                                                                                                                                                                                                                      Cycle
                         Isotopics id: Default
                                                              0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                  5844
5777
5890
5807
                                                                                                                                                                                                                                                                                                                 9351
                                                                                                                                                                                                                                                                                                                                                                         105
84
113
80
91
97
86
                                                                                                                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
10.11.00
                                                                                                                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                9387
9414
9271
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                                                                                                                                                                                                                                                                           8
9
10
                                                                                                                                                                                                                                                                                                                                                                                                  5924
                                           Pu241:
                                                                                                                                                                                                                                                                                                                 9393
                                           Pu242:
                                                                                                                                                                                                                                                                                                                 9079
9267
                                                                                                                                                                                                                                                                                                                                                                                                  5937
                                     Pu242:
Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                          19. 11. 06
0. 0000 +-
19. 11. 06
                                                                                                                                                                                                                                                                                                                                                                                                  5809
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                     Passive cycle rate data
                                                                1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                    Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                  Doubles
-0. 100
0. 650
0. 033
-0. 100
0. 033
                                                                                                                                                                                                                                                                                                                Singles
154.167
                                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                     Cvcle
                                                                                                                                                                                                                                                                                                                 155. 317
155. 900
155. 850
156. 450
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                156, 900
154, 517
156, 550
151, 317
154, 450
                                                                                                                                                                                                                                                                                                                                                      -0. 117
0. 683
0. 183
-0. 100
0. 117
                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                            6
7
                                                                        1.0000 +-
                                                                                                         0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                 (2)
```

	201911_AFAS-P Top Fork_Posit	tion10. txt			201911_AF	AS-P Top Fork_P	osition10.txt
INCC 5. 1. 2	Way		Passi	ve triples bkgrr ve scaler1 bkgrr	nd: 0.000	← 0.000	
Facility: Material balance area: Detector type: Detector id:	JMOX JM2G AFAS JSR 02			ve scaler2 bkgrr er passive cycle Count time (sec	es: 10		
Electronics id: Inventory change code:	JSR-12		Passiv	e error messages			
I/O code: Measurement date: Results file name:	19. 11. 06 13:14:57 9B6N1457. VER		No kno	wn alpha calibra	ition		
Inspection number: Item id: Stratum id:	PT10 201911 XXXX		Result	s	Singles:	92, 990 -	⊢ 0. 181
Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file				Doubles: Triples: Scaler 1: Scaler 2:	-0. 013 - 0. 000 - 78. 823 - 0. 000 -	⊢ 0. 000 ⊢ 0. 446
QC tests: Error calculation: Accidentals method:	On Sample method Measured		Passiv	e cycle raw data		0.000	0.000
Inspector name: Passive comment:			Cycle 1 2	5624 5508	25	Scaler1 29 4697 30 4732	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0000 +- 0,0000 0000 +- 0,0000 0000 +- 0,0000 0000 +- 0,0000 0000 +- 0,0000 1,06	3 4 5 6 7 8 9 10	5558 5560 5571 5591 5589 5628 5581 5584	29 37 28 27 42 35 29	4630 300 4697 399 4702 300 4606 366 4796 355 4852 322 4860 255 4722	O Pass
Predelay:	1. 50	11.00	Cycle	Singles	Doub I es	Triples	Mass QC Tests
Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Doubles gate fraction: Triples gate fraction:	64. 00 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001		1 2 3 4 5 6 7 8 9	93. 733 91. 800 92. 633 92. 667 92. 850 93. 183 93. 150 93. 800 93. 017 93. 067	0. 067 -0. 083 -0. 117 -0. 017 -0. 033 -0. 033 -0. 150 0. 117 0. 050 0. 067	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass
Normalization constant:	1.0000 +- 0.0000						
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000						
	(1)					(2)	

201912_AFAS-B Bottom Fork_Position1.txt

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                     Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                         0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                     Passive scaler2 bkgrnd
                                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                                        Number passive cycles:
                                                                                                                                                                                                                                                                                                    Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                  Passive error messages
                                                              19. 12. 06 09:18:23
9C6J1823. VER
                                                                                                                                                                                                                                                                                  No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                  Results
                                                              BB01 201912
                                                                                                                                                                                                                                                                                                                                               Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                            40.705 +-
                                                                                                                                                                                                                                                                                                                                                                                                                              0. 281
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                            -0.000 +-
0.000 +-
99.727 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                              0. 019
0. 000
0. 393
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                  Passive cycle raw data
                                                                                                                                                                                                                                                                                                     Singles
                                                                                                                                                                                                                                                                                                                                                                                        Scaler 1
5991
5917
5992
                                                                                                                                                                                                                                                                                                                                                                                                                   Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                   Cycle
                                                                                                                                                                                                                                                                                                             2525
2393
2423
                                                                                                                                                                                                                                                                                                                                              6
10
3
                          Isotopics id:
                                                              Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                              5992
6038
6120
5917
5995
5857
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                              2417
                                                                                                                                                                                                                                                                                                                                                                                                                                0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                           0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                              9
10
6
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
                                                                                                                                                                                                                                                                                        8
9
10
                                                                                                                                                                                                                                                                                                             2401
                                           Pu241:
                                           Pu242:
                                                                                                                                                                                                                                                                                                              2413
2420
                                                                                                                                                                                                                                                                                                                                                                                               6039
5970
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000
00. 01. 01
                                                                                                                         19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                0.0000
                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                  Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                 Triples
0.000
0.000
0.000
0.000
0.000
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                             Singles
                                                                                                                                                                                                                                                                                                                                                                                                                        Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                  Cvcle
                                                                                                                                                                                                                                                                                                                                                Doubles
                                                                                                                                                                                                                                                                                                                                                  -0. 050
0. 067
-0. 050
-0. 017
-0. 117
                                                                                                                                                                                                                                                                                                                42, 083
                                                                 64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                39. 883
40. 383
40. 283
42. 550
40. 600
40. 700
40. 017
40. 217
40. 333
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                    0. 017
0. 017
0. 050
0. 067
0. 017
                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                          6
7
                                                                        1.0000 +-
                                                                                                        0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                              (2)
```

01912_AFAS-B Bottom Fork_Position2.txt	201912_AFAS-B Botto

	201912_AFAS-B Bottom Fork_Position2.txt	201912_AFAS-B Bottom Fork_Position2.txt
INCC 5.1.2	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	XXXX JSR_02	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name:	19. 12. 06 09:34:27 9C6J3427. VER	No known alpha calibration
Inspection number: Item id:	BB02 201912	Results
Stratum id: Material type: Original declared mass:	Pu	Singles: 61.160 +- 0.291 boubles: 0.052 +- 0.029 Triples: 0.000 +- 0.000
Measurement option: Data source: QC tests:	Verification Review disk file	Scaler 1: 169.073 ← 0.351 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method:		Passive cycle raw data
Inspector name: Passive comment:	measured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 3721 13 10 10051 0 Pass 2 3624 19 12 10254 0 Pass 3 10
Isotopics id: Isotopics source code: Pu238:	Default CO	3 3670 17 15 10039 0 Pass 4 3682 12 9 10155 0 Pass 5 3712 18 7 10206 0 Pass
Pu239 : Pu240 : Pu241 :	0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000	6 3542 7 16 10168 0 Pass 7 3641 17 12 10177 0 Pass 8 3721 19 11 10096 0 Pass
Pu242: Pu date: Am241:	0.0000 +- 0.0000	9 3697 22 19 10159 0 Pass 10 3686 15 17 10139 0 Pass
Am date:	00. 01. 01 19. 12. 06	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient Graction: Triples gate fraction: Normalization constant:	1.50 64.00 64.00 1720 50.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0000 1.0000 1.0000 1.0000 1.0000	Cycle Singles Doubles Triples Mass 0C Tests 1 62.017 0.050 0.000 0.000 0.000 2 60.400 0.117 0.000 0.000 0.000 Pass 3 61.167 0.033 0.000 0.000 0.000 Pass 5 61.867 0.183 0.000 0.000 0.000 Pass 6 59.033 -0.150 0.000 0.000 pass 0.000 0.000 Pass 7 60.683 0.083 0.000 0.000 pass 0.000 0.000 Pass 9 61.617 0.050 0.000 0.000 pass 10 61.433 -0.033 0.000 0.000 Pass
Passive singles bkgrnd:	0.000 ← 0.000	
Passive doubles bkgrnd:	0.000 +- 0.000	(0)

201912_AFAS-B Bottom Fork_Position3.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                      Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                             0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                           0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                      Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                                                         Number passive cycles:
                                                                                                                                                                                                                                                                                                     Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                    Passive error messages
                                                              19. 12. 06 09:51:32
9C6J5132. VER
                                                                                                                                                                                                                                                                                    No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                    Results
                                                              BB03 201912
                                                                                                                                                                                                                                                                                                                                                 Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                           228, 197 +-
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                0.701
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                              0. 163 +-
0. 000 +-
53. 533 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                0. 088
0. 000
0. 270
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                    Passive cycle raw data
                                                                                                                                                                                                                                                                                                       Singles
13716
13695
13642
                                                                                                                                                                                                                                                                                                                                        R+A
223
233
193
                                                                                                                                                                                                                                                                                                                                                                    A
194
205
190
                                                                                                                                                                                                                                                                                                                                                                                         Scaler 1
3203
3212
3306
                                                                                                                                                                                                                                                                                                                                                                                                                    Scaler2 QC Tests

0 Pass

0 Pass

0 Pass
                                                                                                                                                                                                                                                                                    Cycle
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                               3214
3120
3238
3185
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                              13568
                                                                                                                                                                                                                                                                                                                                            237
216
212
221
217
186
202
                                                                                                                                                                                                                                                                                                                                                                       205
220
190
235
219
176
                                                                                                                                                                                                                                                                                                                                                                                                                                  0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                            0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                             13728
13589
13959
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
                                           Pu241:
                                                                                                                                                                                                                                                                                           8
                                                                                                                                                                                                                                                                                                             13867
                                                                                                                                                                                                                                                                                                                                                                                                3160
                                           Pu242:
                                                                                                                                                                                                                                                                                                              13561
                                                                                                                                                                                                                                                                                                                                                                                                 3255
3227
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000
00. 01. 01
                                                                                                                          19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                                                                                                                                                                                                         10
                                                                                                                                                                                                                                                                                                             13593
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                    Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                 Doubles
0. 483
0. 467
0. 050
0. 533
-0. 067
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                              Singles
228.600
                                                                                                                                                                                                                                                                                    Cvcle
                                                                                                                                                                                                                                                                                                                                                                                    Triples
                                                                                                                                                                                                                                                                                                                                                                                                                           Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
0. 000
                                                                 64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                              228. 250
227. 367
226. 133
228. 800
                                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                    0. 367
-0. 233
-0. 033
0. 167
-0. 100
                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                           6
7
                                                                                                                                                                                                                                                                                                               226, 483
                                                                                                                                                                                                                                                                                                              232. 650
231. 117
226. 017
226. 550
                                                                        1.0000 +-
 Normalization constant:
                                                                                                         0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                               (2)
```

	201912_AFAS-B Bottom Fork	k_Position4.t	xt			2019	12_AFAS-E	Bottom Fork	_Position4	. txt
INCC 5. 1. 2					ve scaler1 bk; ve scaler2 bk;		0. 000 0. 000			
Facility: Material balance area: Detector type:	JMOX XXXX JSR 02			Numb	er passive cy Count time (10 60			
Detector id: Electronics id:	JSR_02 JSR-12			Passiv	e error messa					
Inventory change code: I/O code:				No kno	wn alpha calil	oration				
Measurement date: Results file name: Inspection number:	19. 12. 06 10:07:37 9C6K0737. VER			Passiv	e results					
Item id: Stratum id: Material type:	BB04 201912 XXXX Pu					Do	ingles: oubles: riples:	879. 990 3. 33 0. 000	7 +- 0.	. 617 . 286 . 000
Original declared mass: Measurement option: Data source:	0.000 Verification Review disk file					Sca	aler 1: aler 2:	43. 558 0. 000	3 +- 0.	214 000
QC tests: Error calculation:	On Sample method			Passiv	e cycle raw d	ata				
Accidentals method: Inspector name: Passive comment:	Measured			Cycle 1 2	Singles 52648 52952	R+A 3143 3115	A 2958 2977	Scaler1 2594 2680	0	QC Tests Pass Pass
Isotopics id: Isotopics source code:	CO	0.0000	0.0000	3 4 5	52698 52929 52835	3214 3287 3168	2955 2985 2977	2641 2655 2633	0 0 0	Pass Pass Pass
Pu238: Pu239: Pu240:		0.0000 +- 0.0000 +- 100.0000 +-	0. 0000 0. 0000 0. 0000	6 7 8	52817 52706 52832	3085 3165 3139	2962 2925 2969	2634 2563 2590	0 0 0	Pass Pass Pass
Pu241: Pu242: Pu date:	0.0000 +- 0.0000 0.0000 +- 0.0000 00.01.01	0.0000 +- 0.0000 +- 19.12.06	0. 0000 0. 0000	9 10	52927 52650	3081 3138	2889 2936	2561 2584	0	Pass Pass
Am241: Am date:	0.0000 +- 0.0000 00.01.01	0.0000 +- 19.12.06	0. 0000		e cycle rate			Tuinles	Naca	00 Teete
Predelay: Gate length:	1. 50 64. 00			Cycle 1 2	Singles 877, 467 882, 533	Doub I 3. 0 2. 3	083 300	Triples 0.000 0.000	Mass 0. 000 0. 000	QC Tests Pass Pass
2nd gate length: High voltage: Die away time:	64. 00 1720 50. 0000			3 4 5	878. 300 882. 150 880. 583	4. 3 5. 0 3. 1)33 183	0. 000 0. 000 0. 000	0. 000 0. 000 0. 000	Pass Pass Pass
Efficiency: Multiplicity deadtime: Coefficient A deadtime:	0. 0060 0. 0000 0. 0000			6 7 8	880. 283 878. 433 880. 533	2. 0 4. 0 2. 8	000 333	0. 000 0. 000 0. 000	0. 000 0. 000 0. 000	Pass Pass Pass
Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0. 0000 0. 0000 0. 0001 0. 0001			9 10	882. 117 877. 500	3. 2 3. 3		0. 000 0. 000	0. 000 0. 000	Pass Pass
Normalization constant: Passive singles bkgrnd: Passive doubles bkgrnd:	1.0000 +- 0.0000 0.000 +- 0.000 0.000 +- 0.000									
Passive triples bkgrnd:	0.000 + 0.000									

201912_AFAS-B Bottom Fork_Position5.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                         0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                          Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                            Number passive cycles:
                                                                                                                                                                                                                                                                       Count time (sec)
                                                        JSR-12
   Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                       Passive error messages
                                                        19. 12. 06 10:22:41
9C6K2241. VER
                                                                                                                                                                                                                                                       No known alpha calibration
                                                                                                                                                                                                                                                        Results
             Inspection number
                                                        BB05 201912
                        Item id:
Stratum id:
                                                        XXXX
                                                                                                                                                                                                                                                                                                                 Singles:
                                                                                                                                                                                                                                                                                                                                                   2686, 973 +-
                                                                                                                                                                                                                                                                                                                                                                                     2. 254
                                                       Pu
0.000
Verification
Review disk file
On
 Material type:
Original declared mass:
Measurement option:
Data source:
                                                                                                                                                                                                                                                                                                              Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                      27. 848 +-
0. 000 +-
47. 592 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                     1. 482
0. 000
0. 244
0. 000
                               QC tests:
         QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                        On
Sample method
Measured
                                                                                                                                                                                                                                                       Passive cycle raw data
                                                                                                                                                                                                                                                                         Singles
161799
161335
161688
                                                                                                                                                                                                                                                                                                      R+A
29724
29750
29711
                                                                                                                                                                                                                                                                                                                                                   Scaler 1
2799
2851
2840
                                                                                                                                                                                                                                                                                                                                                                           Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                        Cycle
                                                                                                                                                                                                                                                                                                                               27675
28003
                       Isotopics id: Default
   Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                        0. 0000 +-
0. 0000 +-
100. 0000 +-
                                                                                                                                                                                                                                                                                                      29269
29246
29656
29383
                                                                                                                                                                                                                                                                                                                              27477
27986
27808
27747
                                                                                                                                                                                                                                                                                                                                                        2922
2909
2870
2897
                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                            160883
                                                                                                                                                                                                                                                                                                                                                                                       0 0 0 0 0 0
                                                                                      0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                            0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                            161428
161357
161479
                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
                                                            0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                               27452
                                       Pu241:
                                                                                                                                                                                                                                                              8
                                                                                                                                                                                                                                                                            160518
                                                                                                                                                                                                                                                                                                      29516
                                                                                                                                                                                                                                                                                                                                                         2834
                                       Pu242:
                                                                                                                                                                                                                                                                            161031
160666
                                                                                                                                                                                                                                                                                                      29338
29240
                                                                                                                                                                                                                                                                                                                               27785
27830
                                                                                                                                                                                                                                                                                                                                                         2777
2856
                                 Pu date:
Am241:
Am date:
                                                        00. 01. 01
0. 0000
00. 01. 01
                                                                                                             19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                                                                                                                                                                             10
                                                                                       0.0000
                                                                                                                                            0.0000
                                                                                                                                                                                                                                                        Passive cycle rate data
                Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                              1.50
64.00
                                                                                                                                                                                                                                                                              Singles
2696.650
                                                                                                                                                                                                                                                                                                              Doubles
22.717
                                                                                                                                                                                                                                                       Cvcle
                                                                                                                                                                                                                                                                                                                                              Triples
                                                                                                                                                                                                                                                                                                                                                                                   Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                 0.000
                                                          64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
                                                                                                                                                                                                                                                                              2688. 917
2694. 800
2681. 383
2690. 467
                                                                                                                                                                                                                                                                                                                 34. 583
28. 467
29. 867
21. 000
                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                 30. 800
27. 267
34. 400
25. 883
23. 500
                                                                                                                                                                                                                                                              6
7
                                                                                                                                                                                                                                                                              2689, 283
                                                                                                                                                                                                                                                                                                                                                  0.000
0.000
                                                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                                                                                                                                                Pass
                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                              2691.317
                                                                 0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                              2675. 300
2683. 850
2677. 767
                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                 1.0000 +-
 Normalization constant:
                                                                                              0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                 0.000 +-
0.000 +-
                                                                                               (1)
                                                                                                                                                                                                                                                                                                                                                        (2)
```

201912_AFAS-B Bottom Fork_Position6.txt		201912_AFAS-B Bo	ottom Fork_Position6.txt
	Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd:	0. 000 +- 0. 000 0. 000	0. 000

	_	_				
INCC 5.1.2 Facility:	JMOX			Passiv	ve triples bk ve scaler1 bk ve scaler2 bk	grnd:
Material balance area:	XXXX					
Detector type:	JSR 02			Numbe	er passive cy	cles:
Detector id:	JSR 02				Count time (
Electronics id:	JSR-12				oodiic ciiio	(000)
Inventory change code:	OUN 12			Popolive	error messa	
				rassive	error messa	iges
I/O code:						
Measurement date:	19. 12. 06 10:37:45			No know	n alpha cali	bration
Results file name:	9C6K3745. VER					
Inspection number:				Results	5	
Item id:	BB06 201912					
Stratum id:	XXXX					
Material type:	Pu					
Original declared mass:	0.000					
Measurement option:	Verification					S
Data source:	Review disk file					S
QC tests:	On					
Error calculation:	Sample method			Popolive	cvcle raw d	lata
	Measured			rassive	cycle raw c	iala
Accidentals method:	measured			01.	0:	D. 4
Inspector name:				Cycle	Singles	R+A
Passive comment:				1	2183	3
				2	2097	4
Isotopics id:	Default			3	2043	2
Isotopics source code:	CO			4	2083	4
Pu238:	0.0000 +- 0.0000	0.0000 +-	0.0000	5	2061	2
Pu239:	0.0000 +- 0.0000	0.0000 +-	0.0000	6	2056	2
Pu240:	100,0000 +- 0,0000	100.0000 +-	0.0000	7	2059	5
Pu241:	0.0000 +- 0.0000	0.0000 +-	0.0000	8	2008	3
Pu242:	0.0000 +- 0.0000	0.0000 +-	0.0000	9	2052	1
Pu date:	00. 01. 01	19. 12. 06	0.0000	10	2048	7
Am241:	0.0000 +- 0.0000	0.0000 +-	0.0000	10	2040	,
Am date:	00.01.01	19. 12. 06	0.0000	Popolive	cycle rate	doto
Alli date.	00.01.01	19. 12. 00		rassive	cycle rate	uata
Predelay:	1. 50			Cvcle	C:==1==	п
				,	Singles	U
Gate length:	64. 00			1	36. 383	
2nd gate length:	64. 00			2	34. 950	
High voltage:	1720			3	34. 050	
Die away time:	50. 0000			4	34. 717	
Efficiency:	0. 0060			5	34. 350	
Multiplicity deadtime:	0. 0000			6	34. 267	
Coefficient A deadtime:	0.0000			7	34. 317	
Coefficient B deadtime:	0. 0000			8	33. 467	
Coefficient C deadtime:	0.0000			9	34. 200	
Doubles gate fraction:	0.0001			10	34, 133	
Triples gate fraction:	0. 0001					
m iproo gato macrom	0.0001					
Normalization constant:	1.0000 +- 0.0000					
norman reaction donocure.						
Passive singles bkgrnd:	0.000 +- 0.000					
Passive doubles bkgrnd:	0.000 + 0.000					
	3.000					

(1)

on Singles: Doubles: Triples: 34. 483 +--0. 048 +-0. 000 +-2310. 158 +-0. 245 0. 017 0. 000 Scaler 1: 1.381 Scaler 2: 0.000 +-0.000 Scaler2 QC Tests 0 Pass 0 Pass Scaler1 Α 138360 138532 138549 138857 138869 138674 Pass Pass Pass Pass 10 7 6 5 Pass Pass Pass Pass 138919 0 0 0 138830 138170 Doub Les Triples Mass QC Tests 0. 017 -0. 067 -0. 133 -0. 050 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 Pass Pass Pass Pass 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 Pass Pass Pass Pass -0. 067 -0. 050 -0. 030 -0. 033 -0. 100 -0. 050 0. 050 Pass Pass

10 60

201912_AFAS-B Bottom Fork_Position7.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                         Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                            0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                         0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                          Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                                            Number passive cycles:
                                                                                                                                                                                                                                                                                       Count time (sec)
                                                           JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                       Passive error messages
                                                           19. 12. 06 10:58:51
9C6K5851. VER
                                                                                                                                                                                                                                                                       No known alpha calibration
             Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                        Results
                                                           BB07 201912
                                                                                                                                                                                                                                                                                                                                 Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                            30.973 +-
                                                           XXXX
                                                                                                                                                                                                                                                                                                                                                                                                             0.124
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                         -0.003 +-
0.000 +-
791.212 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                             0. 011
0. 000
0. 834
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                       Passive cycle raw data
                                                                                                                                                                                                                                                                                         Singles
1852
1841
1894
                                                                                                                                                                                                                                                                                                                                                                        Scaler 1
47589
47350
47490
                                                                                                                                                                                                                                                                                                                                                                                                 Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                        Cycle
                        Isotopics id: Default
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                            47505
47421
47150
47703
                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                  1815
                                                                                                                                                                                                                                                                                                                                                                                                               0
0
0
0
0
0
                                                                                            0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                    0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                   0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                            47457
                                         Pu241:
                                                                                                                                                                                                                                                                              8
                                                                                                                                                                                                                                                                                                  1891
                                         Pu242:
                                                                                                                                                                                                                                                                                                  1862
                                                                                                                                                                                                                                                                                                                                                                            47650
47412
                                    Pu242:
Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                    19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                                                                                                                                                                                            10
                                                                                                                                                                                                                                                                                                 1867
                                                                                            0.0000
                                                                                                                                                     0.0000
                                                                                                                                                                                                                                                                       Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                  1.50
64.00
                                                                                                                                                                                                                                                                                                 Singles
30.867
                                                                                                                                                                                                                                                                                                                                                                  Triples
                                                                                                                                                                                                                                                                       Cvcle
                                                                                                                                                                                                                                                                                                                                  Doubles |
                                                                                                                                                                                                                                                                                                                                                                                                        Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                     0. 000
0. 017
-0. 017
0. 067
0. 033
                                                                                                                                                                                                                                                                                                                                                                       0.000
0.000
0.000
0.000
0.000
                                                              64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                   30. 683
31. 567
30. 250
30. 883
                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                  31. 100
30. 717
31. 517
31. 033
31. 117
                                                                                                                                                                                                                                                                                                                                     -0. 033
-0. 033
0. 000
-0. 033
-0. 033
                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                              6
7
                                                                                                                                                                                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                     1.0000 +-
 Normalization constant:
                                                                                                   0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     0.000 +-
0.000 +-
                                                                                                     (1)
                                                                                                                                                                                                                                                                                                                                                                             (2)
```

201912_AFAS-B Bottom Fork_Position8.txt	2	201912_AFAS-B Bottom Fork_Position8.tx		
	Passive triples bkgrnd:	0.000 +-	0. 000	

	ZU191Z_AFAS-B BOTTOM FORK_POSITIONS. TXT	
INCC 5. 1. 2		
Facility: Material balance area: Detector type: Detector id: Electronics id: Inventory change code: 1/0 code:	JMOX XXXX JSR_02 JSR_02 JSR-12	
Measurement date: Results file name: Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: OC test: Error calculation: Accidentals method: Inspector name:	19.12.06 13:21:29 9C6N2129.VER BB08 201912 XXXX Pu 0.000 Verification Review disk file On Sample method Measured	
Passive comment: Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 +- 0.0000	
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Coefficient Geadtime: Toefficient Geadtime: Toefficient Geadtime: Tiples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0060 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000	

	ve scaler1 bk ve scaler2 bk		0. 000 0. 000 0. 000	0.000		
		-	10			
	er passive cy Count time (60			
Passive	e error messa	ges				
No know	n alpha calil	bration				
Results	3					
		Sing		45. 387		
		Doub		0.003		
		Trip Scale		0.000		
		Scale		233. 412 0. 000		
Passive	cycle raw d	ata				
Cycle	Singles	R+A	Α	Scaler1	Scaler2	
1	2713	8	10	13913	0	
2	2777	11	10	13985	0	
3	2765	8	11	13979	0	Pass
4	2627	6	10	14034		Pass
4 5	2692	10	4	14117	0	Pass
4 5 6	2692 2696	10 4	4 7	14117 14071	0	Pass Pass
4 5 6 7	2692 2696 2706	10 4 7	4 7 4	14117 14071 13987	0 0 0	Pass Pass Pass
4 5 6 7 8	2692 2696 2706 2816	10 4 7 8	4 7 4 10	14117 14071 13987 14024	0 0 0	Pass Pass Pass Pass
4 5 6 7	2692 2696 2706	10 4 7	4 7 4	14117 14071 13987	0 0 0	Pass Pass Pass Pass
4 5 6 7 8 9	2692 2696 2706 2816 2652	10 4 7 8 7 10	4 7 4 10 6	14117 14071 13987 14024 13997	0 0 0 0	Pass Pass Pass Pass Pass
4 5 6 7 8 9	2692 2696 2706 2816 2652 2788	10 4 7 8 7 10	4 7 4 10 6 5	14117 14071 13987 14024 13997	0 0 0 0	Pass Pass Pass Pass Pass Pass
4 5 6 7 8 9 10 Passive	2692 2696 2706 2816 2652 2788 cycle rate of Singles 45.217	10 4 7 8 7 10 data	4 7 4 10 6 5	14117 14071 13987 14024 13997 13940 Triples 0.000	0 0 0 0 0 0 0 0 Mass 0.000	Pass Pass Pass Pass Pass Pass Pass
4 5 6 7 8 9 10 Passive Cycle 1 2	2692 2696 2706 2816 2652 2788 e cycle rate (Singles 45, 217 46, 283	10 4 7 8 7 10 data Doubli -0.0	4 7 4 10 6 5 es 33 17	14117 14071 13987 14024 13997 13940 Triples 0.000 0.000	0 0 0 0 0 0 0 0 0 0 0	Pass Pass Pass Pass Pass Pass Pass Pass
4 5 6 7 8 9 10 Passive Cycle 1 2 3	2692 2696 2706 2816 2652 2788 e cycle rate (Singles 45.217 46.283 46.083	10 4 7 8 7 10 data Doubli -0.0 0.0 0.0	4 7 4 10 6 5 5	14117 14071 13987 14024 13997 13940 Triples 0.000 0.000 0.000	0 0 0 0 0 0 0 0 0 0 0 0 0	Pass Pass Pass Pass Pass Pass QC Test Pass Pass Pass
4 5 6 7 8 9 10 Passive Cycle 1 2 3 4	2692 2696 2706 2816 2652 2788 e cycle rate (Singles 45. 217 46. 283 46. 083 43. 783	10 4 7 8 7 10 data Doub I -0. 0. 0. 0 -0. 0. -0. 0.	4 7 4 10 6 5 5 es 33 3 17 550 67	14117 14071 13987 14024 13997 13940 Triples 0.000 0.000 0.000 0.000 0.000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pass Pass Pass Pass Pass Pass Pass Pass
4 5 6 7 8 9 10 Passive 1 2 3 4 5	2692 2696 2706 2816 2652 2788 c cycle rate of the cycle rate of th	10 4 7 8 7 10 data Doub II -0. 0: 0. 0 -0. 0: -0. 0:	4 7 4 10 6 5 5 es 33 3 17 550 67 000	14117 14071 13987 14024 13997 13940 Triples 0.000 0.000 0.000 0.000 0.000 0.000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pass Pass Pass Pass Pass Pass Pass Pass
4 5 6 7 8 9 10 Passive Cycle 1 2 3 4 5 6	2692 2696 2706 2816 2652 2788 e cycle rate of Singles 45, 217 46, 283 46, 083 43, 783 44, 867 44, 933	10 4 7 8 7 10 data Doubli -0.0 0.0 0.0 0.0 0.0 11 0.0	4 7 4 10 6 5 5 es 33 3 17 7 550 667 000 550	14117 14071 13987 14024 13997 13940 Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000	Pass Pass Pass Pass Pass Pass Pass Pass
4 5 6 7 8 9 10 Passive Cycle 1 2 3 4 5 6 7	2692 2696 2706 2816 2652 2788 e cycle rate (Singles 45, 217 46, 283 46, 083 46, 083 44, 867 44, 933 45, 100	10 4 7 8 7 10 data Doub I0. 0: 0. 0 -0. 0: -0. 0: 0. 1: -0. 0: 0. 0:	4 7 4 10 6 5 5 es 33 3 17 50 67 000 550 550	14117 14071 13987 14024 13997 13940 Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Pass Pass Pass Pass Pass Pass Pass Pass
4 5 6 7 8 9 10 Passive Cycle 1 2 3 4 5 6	2692 2696 2706 2816 2652 2788 e cycle rate of Singles 45, 217 46, 283 46, 083 43, 783 44, 867 44, 933	10 4 7 8 7 10 data Doubli -0.0 0.0 0.0 0.0 0.0 11 0.0	4 7 4 10 6 5 5 es 333 177 550 67 67 550 550 333	14117 14071 13987 14024 13997 13940 Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000	Pass Pass Pass Pass Pass Pass Pass Pass

201912_AFAS-B Bottom Fork_Position9.txt

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                            Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                               Number passive cycles:
                                                                                                                                                                                                                                                                                                           Count time (sec)
                                                               JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                         Passive error messages
                                                               19. 12. 06 13:37:34
9C6N3734. VER
                                                                                                                                                                                                                                                                                         No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                         Results
                                                               BB09 201912
                                                                                                                                                                                                                                                                                                                                                        Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                    151, 265 +-
                                                               XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                         0.503
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                               Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                      0. 178 +-
0. 000 +-
95. 353 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                         0. 051
0. 000
0. 426
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                         Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                             R+A
92
93
89
91
98
97
106
82
99
                                                                                                                                                                                                                                                                                                             Singles
                                                                                                                                                                                                                                                                                                                                                                                                 Scaler 1
5666
5845
5754
                                                                                                                                                                                                                                                                                                                                                                                                                            Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                          Cycle
                                                                                                                                                                                                                                                                                                                                                                                  81
83
81
                                                                                                                                                                                                                                                                                                                     9030
9119
9224
                          Isotopics id: Default
                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                                       5772
5611
5735
5647
5651
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                     9070
8992
9113
9144
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                  87
67
95
84
72
87
96
                                                                                                                                                                                                                                                                                                                                                                                                                                           0
0
0
0
0
0
                                                                                                  0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
                                                                                                                                                                                                                                                                                               8
9
10
                                                                                                                                                                                                                                                                                                                      8935
                                            Pu241:
                                            Pu242:
                                                                                                                                                                                                                                                                                                                      8959
9173
                                                                                                                                                                                                                                                                                                                                                                                                         5836
5695
                                      Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000
00. 01. 01
                                                                                                                            19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                   0.0000
                                                                                                                                                               0.0000
                                                                                                                                                                                                                                                                                         Passive cycle rate data
                                                                  1. 50
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                           Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                     Singles
150.500
                                                                                                                                                                                                                                                                                                                                                        Doubles
0. 183
0. 167
0. 133
0. 067
0. 517
0. 033
0. 367
0. 167
0. 200
-0. 050
                                                                                                                                                                                                                                                                                                                                                                                                                                   Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                         Cvcle
                                                                                                                                                                                                                                                                                                                      151. 983
153. 733
151. 167
149. 867
                                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                 6
7
                                                                                                                                                                                                                                                                                                                      151. 883
152. 400
                                                                                                                                                                                                                                                                                                                      148. 917
149. 317
152. 883
                                                                          1.0000 +-
                                                                                                           0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                          0.000 +-
0.000 +-
                                                                                                             (1)
                                                                                                                                                                                                                                                                                                                                                                                                       (2)
```

01912_AFAS-B Bottom Fork_Position10.txt	201912_AFAS-B Bottom Fork_Pos

	201912_AFAS-B Bottom Fork_Position10.txt	201912_AFAS-B Bottom Fork_Position10.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JSR_02 JSR_02	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name:	19.12.06 13:52:38 906N5238, VER	No known alpha calibration
Inspection number: Item id:		Results
Stratum id: Material type: Original declared mass:	Pu	Singles: 91.272 ← 0.448 Doubles: 0.020 ← 0.042 Triples: 0.000 ← 0.000
Measurement option: Data source: QC tests:	Review disk file	Scaler 1: 77.758 +- 0.265 Scaler 2: 0.000 +- 0.000
Error calculation: Accidentals method:	Sample method	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 5495 33 28 4573 0 Pass 2 5500 35 44 4728 0 Pass
Isotopics id: Isotopics source code: Pu238:		2 5000 50 444 4126 U rass 3 5529 43 37 4680 U Pass 4 5382 35 34 4667 U Pass 5 5536 28 33 4735 U Pass
Pu239: Pu240: Pu241:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6 5357 23 32 4663 0 Pass 7 5647 37 29 4705 0 Pass 8 5449 47 31 4642 0 Pass
Pu242: Pu date:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	9 5409 33 35 4611 0 Pass 10 5459 34 33 4651 0 Pass
Am241: Am date:	0.0000 +- 0.0000 0.0000 +- 0.0000 00.01.01 19.12.06	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time:	1. 50 64. 00 64. 00 1720 50. 0000	Cycle Singles Doubles Triples Mass QC Tests 1 91.583 0.083 0.000 0.000 Pass 2 91.667 -0.150 0.000 0.000 Pass 3 92.150 0.100 0.000 0.000 Pass 4 89.700 0.017 0.000 0.000 Pass
Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime:	0. 0060 0. 0000 0. 0000 0. 0000 0. 0000	5 92.267 -0.083 0.000 0.000 Pass 6 89.283 -0.150 0.000 0.000 Pass 7 94.117 0.133 0.000 0.000 Pass 8 90.817 0.267 0.000 0.000 Pass 9 90.150 -0.033 0.000 0.000 0.000 Pass
Doubles gate fraction: Triples gate fraction: Normalization constant:	0.0001 0.0001 1.0000 +- 0.0000	10 90.983 0.017 0.000 0.000 Pass
Passive singles bkgrnd:	0.000 +- 0.000	
Passive doubles bkgrnd:	0.000 + 0.000	

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                               Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                 0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                               Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                  Number passive cycles:
                                                                                                                                                                                                                                                                                              Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                             Passive error messages
                                                            19. 12. 06 09:18:23
9C6J1823. VER
                                                                                                                                                                                                                                                                             No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                             Results
                                                            BC01 201912
XXXX
                                                                                                                                                                                                                                                                                                                                        Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                1338, 102 +-
                                                                                                                                                                                                                                                                                                                                                                                                                     1, 247
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                8. 254 +-
0. 000 +-
2573. 327 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 918
0. 000
2. 084
0. 000
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                             Passive cycle raw data
                                                                                                                                                                                                                                                                                               Singles
79924
                                                                                                                                                                                                                                                                                                                                R+A
7149
7382
7256
                                                                                                                                                                                                                                                                                                                                                                                Scaler 1
154780
154527
154331
                                                                                                                                                                                                                                                                                                                                                                                                         Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                             Cycle
                                                                                                                                                                                                                                                                                                                                                            A
6854
6653
6863
                                                                                                                                                                                                                                                                                                     79948
80408
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                 7270
7361
7454
7461
7466
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                            6748
7047
6952
6748
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Pass
Pass
Pass
Pass
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100.0000 +-
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80397
80280
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154736
154237
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Pass
Pass
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9
10
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                                          Pu241:
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                                          Pu242:
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80334
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7370
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153787
                                    Pu242:
Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                      19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                              0.0000
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                                                                                                                                                                                                                                                                             Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                     Singles
1332.352
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                                                                                       Doubles
4. 921
                                                                                                                                                                                                                                                                                                                                                                          Triples
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0.000 Pass
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0. 000
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64. 00
1720
50. 0000
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160. 0000
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0. 1030
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0. 0001
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12. 160
6. 556
8. 707
5. 238
8. 374
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1340. 422
1341. 389
1344. 240
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0. 000
0. 000
0. 000
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Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
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Pass
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0. 000
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12. 127
5. 488
7. 073
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1333. 802
1339. 188
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0. 000
0. 000
0. 000
                                                                      1.0000 +-
                                                                                                     0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                        (1)
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```

	201912_AFAS-B Collar_Position2.txt	201912_AFAS-B Collar_Position2.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JSR_01 JSR_01	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name:	19. 12. 06 09:34:27 9C6J3427. VER	No known alpha calibration
Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification Review disk file	Results Singles: 3554.787 ← 2.207 Doubles: 57.895 ← 1.994 Triples: 0.000 ← 0.000 Scaler 1: 633.500 ← 0.699 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation:	On Sample method	Passive cycle raw data
Accidentals method: Inspector name: Passive comment:	Measured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 213403 51875 48719 37825 0 Pass 2 213513 52357 48533 38035 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3 213194 52022 48066 37995 0 Pass 4 213162 51495 48414 37899 0 Pass 5 212537 51584 47813 38252 0 Pass 6 212699 51554 43849 38004 0 Pass 7 213749 52031 49226 38077 0 Pass 8 212724 51538 47891 37914 0 Pass 9 213645 52099 48499 38170 0 Pass 10 213030 52045 48432 37899 0 Pass Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1970 160. 0000 0. 6419 0. 1030 0. 0000 0. 0001 0. 0001	Cycle Singles Doubles Triples Mass OC Tests 1 3558, 748 52, 720 0.000 0.000 Pass 2 3560.584 63.879 0.000 0.000 Pass 3 3555.261 66.084 0.000 0.000 Pass 4 3554.727 51.467 0.000 0.000 Pass 5 3544.299 62.993 0.000 0.000 Pass 6 3547.002 53.538 0.000 0.000 Pass 7 3564.522 46.857 0.000 0.000 Pass 8 3547.419 60.922 0.000 0.000 Pass 9 3562.786 60.137 0.000 0.000 Pass 10 3552.525 60.354 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000	
	(1)	(2)

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0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                    Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                   0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                     Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                       Number passive cycles:
                                                                                                                                                                                                                                                                                   Count time (sec)
                                                          JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                  Passive error messages
                                                          19. 12. 06 09:51:32
9C6J5132. VER
                                                                                                                                                                                                                                                                  No known alpha calibration
            Results
                                                          BC03 201912
XXXX
                                                                                                                                                                                                                                                                                                                            Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                               49385, 419 +-
                                                                                                                                                                                                                                                                                                                                                                                                     11.311
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                         Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                               10637. 141 +-
0. 000 +-
157. 322 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                    19. 970
0. 000
0. 519
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          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          On
Sample method
Measured
                                                                                                                                                                                                                                                                  Passive cycle raw data
                                                                                                                                                                                                                                                                                    Singles
2939434
2941458
2938627
                                                                                                                                                                                                                                                                                                              R+A
9833075
9847975
9832662
                                                                                                                                                                                                                                                                                                                                                                  Scaler 1
9343
9458
9422
                                                                                                                                                                                                                                                                                                                                                                                          Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                   Cycle
                                                                                                                                                                                                                                                                                                                                       A
9215041
9230648
9211866
                       Isotopics id: Default
                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                       9208811
9206935
9222094
9237961
9238261
9207060
9203331
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                     2938660
2937703
2940302
2942894
                                                                                                                                                                                                                                                                                                              9832414
9824716
9844369
9858596
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9391
9417
9350
                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
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Pass
Pass
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9
10
                                        Pu241:
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                                        Pu242:
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2937329
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9816389
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9337
                                   Pu242:
Pu date:
Am241:
Am date:
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0. 0000 +-
00. 01. 01
                                                                                                                  19. 12. 06
0. 0000 +-
19. 12. 06
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0.000
0.000
0.000
0.000
0.000
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                                 Predelay:
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64.00
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0.000 Pass
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                                                                                                                                                                                                                                                                                                                        Doubles
10632, 264
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                             64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                        49380, 288
                                                                                                                                                                                                                                                                                        49414. 562
49366. 623
49367. 182
49350. 977
                                                                                                                                                                                                                                                                                                                        10620, 335
10679, 686
10727, 979
10627, 712
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0. 000
0. 000
0. 000
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Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
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Pass
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49354. 228
49344. 644
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10620, 349
10533, 926
10546, 419
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0. 000
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0. 000
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 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
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0.000 +-
                                                                                                    (1)
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	201912 AFAS-B Collar Position4 txt		201912_AFAS-	-B Collar_Position4.txt
INCC 5. 1. 2		Passive triples bkgrn Passive scaler1 bkgrn	nd: 0.000 +-	0. 000
Facility: Material_balance area:	XXXX	Passive scaler2 bkgrn	nd: 0. 000	
Detector type: Detector id: Electronics id:	JSR_01 JSR_01 JSR-12	Number passive cycle Count time (sec		
Inventory change code: I/O code:		Passive error messages		
Measurement date: Results file name: Inspection number:	19.12.06 10:07:36 9C6K0736. VER	No known alpha calibra Results	ition	
Item id: Stratum id:	BC04 201912 XXXX	Results	Singles:	6351.496 + 2.269
Material type: Original declared mass: Measurement option:	Pu 0.000 Verification		Doubles: Triples: Scaler 1:	177. 532 +- 2. 310 0. 000 +- 0. 000 53. 958 +- 0. 337
Data source: QC tests:	verification Review disk file On		Scaler 2:	0.000 +- 0.000
Error calculation: Accidentals method: Inspector name:	Sample method Measured	Passive cycle raw data Cycle Singles R	ı R+A A	Scaler1 Scaler2 QC Tests
Passive comment:		1 380619 16 2 380692 16	55384 154743 55076 154038	3183 0 Pass 3204 0 Pass
Isotopics id: Isotopics source code: Pu238:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000	4 381101 16	64392 154163 65331 154711 64891 154313	3354 0 Pass 3272 0 Pass 3242 0 Pass
Pu239: Pu240:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6 381412 16 7 380899 16	55606 155050 64717 154493	3197 0 Pass 3274 0 Pass
Pu241: Pu242: Pu date:	$\begin{array}{ccccccc} 0.0000 & \leftarrow & 0.0000 & 0.0000 & \leftarrow & 0.0000 \\ 0.0000 & \leftarrow & 0.0000 & 0.0000 & \leftarrow & 0.0000 \\ 00.01.01 & & 19.12.06 & & & & & & & & & & & & & & & & & & &$	9 380819 16	55404 154786 55673 154118 54147 154120	3122 0 Pass 3250 0 Pass 3277 0 Pass
Am241: Am date:	0.0000 +- 0.0000 0.0000 +- 0.0000 00.01.01 19.12.06	Passive cycle rate dat		
Predelay: Gate length:	1.50 64.00	Cycle Singles 1 6350.118	Doubles T 178. 074	riples Mass QC Tests 0.000 0.000 Pass
2nd gate length: High voltage:	64. 00 1720 50. 0000	2 6351. 337 3 6350. 752 4 6358. 167	184. 718 171. 180 177. 724	0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass
Die away time: Efficiency: Multiplicity deadtime:	0. 1970 160. 0000	5 6349. 917 6 6363. 361	177. 020 176. 653	0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass
Coefficient A deadtime: Coefficient B deadtime:	0. 6419 0. 1030	7 6354. 794 8 6346. 978 9 6353. 458	171. 097 177. 689	0.000 0.000 Pass 0.000 0.000 Pass
Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0.0000 0.0001 0.0001	9 6353. 458 10 6336. 072	193. 370 167. 798	0. 000 0. 000 Pass 0. 000 0. 000 Pass
Normalization constant:	1.0000 +- 0.0000			
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000			

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0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                      Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                           0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                                         Number passive cycles:
                                                                                                                                                                                                                                                                                                      Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                    Passive error messages
                                                              19. 12. 06 10:22:40
9C6K2240. VER
                                                                                                                                                                                                                                                                                    No known alpha calibration
             Results
                                                              BC05 201912
XXXX
                                                                                                                                                                                                                                                                                                                                                 Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                         2634, 360 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                 2.342
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                              30. 380 +-
0. 000 +-
47. 428 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                 1. 094
0. 000
0. 287
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                    Passive cycle raw data
                                                                                                                                                                                                                                                                                                       Singles
158925
157748
157715
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2858
2730
2901
                                                                                                                                                                                                                                                                                                                                                                                                                    Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                                        R+A
28600
                                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                                                   A
26833
26493
26515
                                                                                                                                                                                                                                                                                                                                        28304
28315
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                   26343
26437
26757
26632
26709
26486
26420
    Isotopics source code:
Pu238:
Pu239:
Pu240:
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28263
28492
28352
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2844
2783
2871
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Pass
Pass
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Pass
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0.0000 +-
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0. 0000
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158204
158190
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Pass
Pass
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                                           Pu241:
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                                                                                                                                                                                                                                                                                                                                        28190
                                           Pu242:
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157625
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28453
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2841
                                     Pu date:
Am241:
Am date:
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0. 0000 +-
00. 01. 01
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0. 0000 +-
19. 12. 06
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                                                                                                 0.0000
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                                                                                                                                                                                                                                                                                    Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                   Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                             Singles
2649.877
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                                                                Doubles
29, 500
30, 234
30, 051
29, 299
30, 485
28, 966
28, 715
24, 725
37, 881
33, 941
                                                                                                                                                                                                                                                                                                                                                                                                                           Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                    Cvcle
                                                                 64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                              2630. 243
2629. 693
2625. 489
2629. 493
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                            2629. 493
2637. 850
2637. 616
2641. 469
2633. 680
2628. 192
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7
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 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                          (1)
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```

	201912_AFAS-B Collar_Position6.txt	201912_AFAS-B Collar_Position6.txt
INCC 5.1.2	J МОХ	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	XXXX JSR_01 JSR_01	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name:	19. 12. 06 10:37:44 9C6K3744. VER	No known alpha calibration
Inspection number: Item id: Stratum id:	BC06 201912 XXXX	Results Singles: 833.205 ← 0.944
Material type: Original declared mass: Measurement option:	Pu 0.000 Verification	Doubles: 2.191 ← 0.365 Triples: 0.000 ← 0.000 Scaler 1: 67.093 ← 0.360
Data source: QC tests: Error calculation:	Review disk file On Sample method	Scaler 2: 0.000 ↔ 0.000 Passive cycle raw data
Accidentals method: Inspector name: Passive comment:	Measured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 50181 2821 2785 4126 0 Pass 2 49958 2850 2661 4109 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3 49553 2733 2567 4057 0 Pass 4 50015 2820 2675 3921 0 Pass 5 49905 2759 2639 4018 0 Pass 6 50127 2866 2806 3961 0 Pass 7 50131 2835 2727 3938 0 Pass 8 50038 2911 2633 4055 0 Pass 9 50048 2810 2724 4031 0 Pass 10 49900 2820 2694 4040 0 Pass
	00.01.01 19.12.06	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Coefficient C facatime: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.0001 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 836.462 0.600 0.000 0.000 0.000 Pass 2 832.745 3.152 0.000 0.000 Pass 3 825.993 2.768 0.000 0.000 0.000 4 833.695 2.418 0.000 0.000 Pass 5 831.861 2.001 0.000 0.000 Pass 6 835.562 1.001 0.000 0.000 Pass 7 835.629 1.801 0.000 0.000 Pass 8 834.078 4.636 0.000 0.000 Pass 9 834.245 1.434 0.000 0.000 Pass 10 831.778 2.101 0.000 0.000 Pass
Normalization constant:	1. 0000 +- 0. 0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000	
	(1)	(2)

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                           Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                                 0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                           Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                                              Number passive cycles:
                                                                                                                                                                                                                                                                                                          Count time (sec)
                                                               JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                        Passive error messages
                                                               19. 12. 06 10:58:50
9C6K5850. VER
                                                                                                                                                                                                                                                                                        No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                         Results
                                                               BC07 201912
XXXX
                                                                                                                                                                                                                                                                                                                                                       Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                 1024, 352 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                       1, 145
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                  4. 500 +-
0. 000 +-
109. 450 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                       0. 497
0. 000
0. 400
                                                                                                                                                                                                                                                                                                                                                                                                                                       0.000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                        Passive cycle raw data
                                                                                                                                                                                                                                                                                                            Singles
61030
61633
61725
                                                                                                                                                                                                                                                                                                                                              R+A
4272
4372
4287
                                                                                                                                                                                                                                                                                                                                                                                                Scaler 1
6659
6600
6525
                                                                                                                                                                                                                                                                                                                                                                                                                           Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                         Cycle
                                                                                                                                                                                                                                                                                                                                                                          A
4116
4083
4087
                         Isotopics id: Default
                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                          4044
3902
3968
4050
                                                                                                                                                                                                                                                                                                                                                                                                       6477
6718
6559
6575
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                  61715
                                                                                                                                                                                                                                                                                                                                               4348
4333
4157
4243
4224
4337
4468
                                                                                                                                                                                                                                                                                                                                                                                                                                         0
0
0
0
0
0
                                                                                                  0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                             0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                  61471
61432
61355
61209
                                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
                                            Pu241:
                                                                                                                                                                                                                                                                                                8
                                                                                                                                                                                                                                                                                                                                                                            3999
4034
                                                                                                                                                                                                                                                                                                                                                                                                       6538
                                            Pu242:
                                                                                                                                                                                                                                                                                                                  61465
61475
                                                                                                                                                                                                                                                                                                                                                                                                       6478
6541
                                      Pu242:
Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                            19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                                                                                                                                                                                                              10
                                                                                                   0.0000
                                                                                                                                                              0.0000
                                                                                                                                                                                                                                                                                        Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                         Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                      Doubles
2. 602
4. 820
3. 336
5. 070
7. 188
                                                                                                                                                                                                                                                                                                                  Singles
1017, 333
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                                                 Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                        Cvcle
                                                                  64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                                  1027. 386
1028. 920
1028. 753
1024. 685
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                  1024. 085
1024. 035
1022. 751
1020. 317
1024. 585
1024. 752
                                                                                                                                                                                                                                                                                                                                                           3. 152
3. 219
3. 752
5. 053
6. 804
                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                6
                                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                         1.0000 +-
                                                                                                          0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.000 +-
0.000 +-
                                                                                                            (1)
                                                                                                                                                                                                                                                                                                                                                                                                      (2)
```

	201912_AFAS-B Collar_Position8.txt		201912_AFAS	-B Collar_Position8.txt
INCC 5. 1. 2		Passive triples bkgr Passive scaler1 bkgr	rnd: 0. 000	0.000
Facility: Material balance area:	XXXX	Passive scaler2 bkgr		
Detector type: Detector id: Electronics id:	JSR_01 JSR_01 JSR-12	Number passive cycl Count time (se		
Inventory change code: I/O code:	W. 12	Passive error message	es	
Measurement date: Results file name:	19.12.06 13:21:29 9C6N2129.VER	No known alpha calibr	ration	
Inspection number: Item id: Stratum id:	BC08 201912 XXXX	Results	Singles:	590, 233 +- 0, 719
Material type: Original declared mass:	Pu 0.000		Doubles: Triples:	1. 474 + 0. 346 0. 000 + 0. 000
Measurement option: Data source:	Verification Review disk file		Scaler 1: Scaler 2:	43. 305 + 0. 217 0. 000 + 0. 000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw dat	ta	
Inspector name: Passive comment:	medaul eu	Cycle Singles 1 35441 2 35337	R+A A 1431 1351 1403 1343	Scaler1 Scaler2 QC Tests 2597 0 Pass 2557 0 Pass
Isotopics id: Isotopics source code:	Default CO	3 35384 4 35475	1418 1329 1390 1331	2625 0 Pass 2649 0 Pass
Pu238: Pu239: Pu240:	$0.0000 \leftarrow 0.0000 0.0000 \leftarrow 0.0000$ $0.0000 \leftarrow 0.0000 0.0000 \leftarrow 0.0000$ $100.0000 \leftarrow 0.0000 100.0000 \leftarrow 0.0000$	5 35380 6 35482 7 35698	1365 1362 1456 1416 1418 1321	2589 0 Pass 2563 0 Pass 2626 0 Pass
Pu241: Pu241: Pu242:	0.0000 + 0.0000	8 35174 9 35431	1371 1310 1519 1284	2663 0 Pass 2541 0 Pass
Pu date: Am241:	00.01.01	10 35304	1453 1293	2573 0 Pass
Am date:	00. 01. 01 19. 12. 06	Passive cycle rate da	ata	
Predelay: Gate length: 2nd gate length: High voltage:	1.50 64.00 64.00 1720	Cycle Singles 1 590.739 2 589.006 3 589.789	Doubles 1. 334 1. 000 1. 484	Iriples Mass QC Tests 0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass
Die away time:	50. 0000	4 591.306	0. 984	0.000 0.000 Pass
Efficiency: Multiplicity deadtime:	0. 1970 160. 0000	5 589. 722 6 591. 423	0. 050 0. 667	0.000 0.000 Pass 0.000 0.000 Pass
Coefficient A deadtime:	0. 6419	7 595. 023	1. 617	0.000 0.000 Pass
Coefficient B deadtime: Coefficient C deadtime:	0. 1030 0. 0000	8 586. 288 9 590. 573	1. 017 3. 918	0.000 0.000 Pass 0.000 0.000 Pass
Doubles gate fraction: Triples gate fraction:	0.0001 0.0001	10 588. 456	2. 668	0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000			
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000			

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                     Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                          0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                      Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                                        Number passive cycles:
                                                                                                                                                                                                                                                                                                    Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                   Passive error messages
                                                              19. 12. 06 13:37:33
9C6N3733. VER
                                                                                                                                                                                                                                                                                   No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                    Results
                                                              BC09 201912
XXXX
                                                                                                                                                                                                                                                                                                                                                Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                        1139, 212 +-
                                                                                                                                                                                                                                                                                                                                                                                                                               1, 434
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                             5. 514 +-
0. 000 +-
30. 043 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                               0. 467
0. 000
0. 211
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                   Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                       R+A
5283
5234
5375
                                                                                                                                                                                                                                                                                                                                                                                        Scaler 1
1833
1813
1762
                                                                                                                                                                                                                                                                                                                                                                                                                   Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                    Cycle
                                                                                                                                                                                                                                                                                                                                                                   A
5046
5024
4945
                                                                                                                                                                                                                                                                                                            68599
68545
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                   4889
4917
4971
4901
5010
4937
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                1845
1739
1786
1785
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                            67850
                                                                                                                                                                                                                                                                                                                                         5128
                                                                                                                                                                                                                                                                                                                                                                                                                                 0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                          0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                            68322
68491
68408
                                                                                                                                                                                                                                                                                                                                         5284
5293
5171
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
                                                                                                                                                                                                                                                                                         8
9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                            68529
                                                                                                                                                                                                                                                                                                                                         5372
                                                                                                                                                                                                                                                                                                                                                                                                1816
                                           Pu242:
                                                                                                                                                                                                                                                                                                            68467
                                                                                                                                                                                                                                                                                                                                         5345
5356
                                                                                                                                                                                                                                                                                                                                                                                                1870
1777
                                    Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                         19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                                                                                                                                                                                                                            67853
                                                                                                 0.0000
                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                   Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                  Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                               Doubles
3. 953
3. 503
7. 172
3. 986
6. 121
                                                                                                                                                                                                                                                                                                            Singles
1139, 175
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                                         Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                   Cvcle
                                                                 64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                            1143. 526
1142. 626
1131. 039
1138. 908
                                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                            1141. 726
1140. 342
1142. 359
1141. 326
1131. 089
                                                                                                                                                                                                                                                                                                                                                    5. 371
4. 503
6. 038
6. 805
7. 689
                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                          6
7
                                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
                                                                        1.0000 +-
                                                                                                        0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                              (2)
```

	201912_AFAS-B Collar_Position10.txt	201912_AFAS-B Collar_Position10.txt	
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000	
Material balance area: Detector type: Detector id: Electronics id:	JSR_01 JSR_01	Number passive cycles: 10 Count time (sec): 60	
Inventory change code: I/O code:		Passive error messages	
Measurement date: Results file name: Inspection number:	19.12.06 13:52:37 9C6N5237. VER	No known alpha calibration Results	
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	Pu	Singles: 1116.552 +- 1,782 Doubles: 4.807 +- 0.622 Triples: 0.000 +- 0.000 Scaler 1: 33.668 +- 0.281 Scaler 2: 0.000 +- 0.000	
Error calculation: Accidentals method: Inspector name:	Sample method Measured	Passive cycle raw data Cycle Singles R+A A Scaler1 Scaler2 QC Tes	ts
Passive comment: Isotopics id: Isotopics source code: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	CO 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 0.0000 0.001 ∩ 101 19.12.06 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000	1 66865 4891 4792 1939 0 Pass 2 66954 5106 4668 2037 0 Pass 3 66882 5092 4705 2082 0 Pass 4 67774 5176 5046 1970 0 Pass 5 66808 5141 4792 2092 0 Pass 6 66748 5049 4832 2057 0 Pass 7 67080 5037 4747 1963 0 Pass 8 66992 5106 4811 1994 0 Pass 9 67207 5135 4892 2055 0 Pass 10 66501 5115 4681 2022 0 Pass	
Am date:		Passive cycle rate data	
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 61.00 62.00 63.00 64.00 64.00 64.00 64.00 65.0000 6.1970 60.0000 6.6419 6.1030 6.0000 6.0000 6.0001 6.0001	Cycle Singles Doubles Triples Mass QC Te 1 1114, 616 1, 651 0,000 0,000 Pass 2 1116, 100 7, 305 0,000 0,000 Pass 3 1114, 899 6, 455 0,000 0,000 Pass 4 1129,771 2, 168 0,000 0,000 Pass 5 1113, 666 5, 821 0,000 0,000 Pass 6 1112, 665 3, 619 0,000 0,000 Pass 7 1118, 201 4, 837 0,000 0,000 Pass 8 1116, 733 4, 920 0,000 0,000 Pass 9 1120, 318 4, 053 0,000 0,000 Pass 10 1108, 547 7, 238 0,000 0,000 Pass	sts
Normalization constant: Passive singles bkgrnd: Passive doubles bkgrnd:	1.0000 ← 0.0000 0.000 ← 0.000 0.000 ← 0.000		

```
201912_AFAS-B Top Fork_Position1.txt
                                                                                                                                                                                                                                                                                                                              201912_AFAS-B Top Fork_Position1.txt
                                                                                                                                                                                                                                                                                                                                   0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                  Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                   Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                     Number passive cycles:
                                                                                                                                                                                                                                                                                Count time (sec)
                                                          JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                Passive error messages
                                                          19. 12. 06 09:18:23
9C6J1823. VER
                                                                                                                                                                                                                                                                No known alpha calibration
            Results
                                                          BT01 201912
                                                                                                                                                                                                                                                                                                                         Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                          XXXX
                                                                                                                                                                                                                                                                                                                                                              1337, 815 +-
                                                                                                                                                                                                                                                                                                                                                                                                  1, 246
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                         Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                              8. 247 +-
0. 000 +-
2573. 327 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                  0. 917
0. 000
2. 084
0. 000
                                                          On
Sample method
Measured
                                                                                                                                                                                                                                                                Passive cycle raw data
                                                                                                                                                                                                                                                                                 Singles
79924
                                                                                                                                                                                                                                                                                                                R+A
7149
7382
7256
                                                                                                                                                                                                                                                                                                                                                              Scaler 1
154780
154527
154331
                                                                                                                                                                                                                                                                                                                                                                                       Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                 Cycle
                                                                                                                                                                                                                                                                                                                                           A
6854
6653
6863
                                                                                                                                                                                                                                                                                       79948
80408
                       Isotopics id: Default
                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                  7270
7361
7454
7461
7466
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                           6748
7047
6952
6748
                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                       80466
                                                                                                                                                                                                                                                                                                                                                                 154791
                                                                                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
                                                                                         0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                               0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                       80637
80397
80280
                                                                                                                                                                                                                                                                                                                                                                154823
154736
154237
                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                                                                                                                                                                                                                                                     8
9
10
                                                                                                                                                                                                                                                                                                                                                                 154168
                                        Pu241:
                                                                                                                                                                                                                                                                                       80284
                                                                                                                                                                                                                                                                                                                                            6739
                                        Pu242:
                                                                                                                                                                                                                                                                                       80011
80334
                                                                                                                                                                                                                                                                                                                  7252
7370
                                                                                                                                                                                                                                                                                                                                            6923
                                                                                                                                                                                                                                                                                                                                                                 153816
153787
                                  Pu date:
Am241:
Am date:
                                                          00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                 19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                          0.0000
                                                                                                                                                 0.0000
                                                                                                                                                                                                                                                                 Passive cycle rate data
                Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                       Singles
1332.067
                                                                1.50
64.00
                                                                                                                                                                                                                                                                                                                        Doubles
4. 917
                                                                                                                                                                                                                                                                                                                                                         Triples
                                                                                                                                                                                                                                                                                                                                                                                             Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                Cvcle
                                                                                                                                                                                                                                                                                                                                                             0.000
0.000
0.000
0.000
0.000
                                                            64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                       1332. 467
1340. 133
1341. 100
1343. 950
                                                                                                                                                                                                                                                                                                                           4. 917
12. 150
6. 550
8. 700
5. 233
8. 367
                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                       1339, 950
1338, 000
1338, 067
1333, 517
1338, 900
                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                       6
                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
                                                                                                                                                                                                                                                                                                                           11. 883
12. 117
5. 483
7. 067
                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                   1.0000 +-
                                                                                                 0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                   0.000 +-
0.000 +-
                                                                                                   (1)
                                                                                                                                                                                                                                                                                                                                                                    (2)
```

	201912_AFAS-B Top Fork_Position2.txt	201912_AFAS-B Top Fork_Position2.txt
INCC 5.1.2	JMOX	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:		Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name:	19.12.06 09:34:27 9C6J3427. VER	No known alpha calibration
Inspection number: Item id:	BT02 201912	Results
Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification Review disk file	Singles: 3552.760 \(\to \) 2. 204 Doubles: 57.763 \(\to \) 1. 990 Triples: 0.000 \(\to \) 0.000 Scaler 1: 633.500 \(\to \) 0. 699 Scaler 2: 0.000 \(\to \) 0.000
QC tests: Error calculation:	On Sample method	Passive cycle raw data
Accidentals method: Inspector name: Passive comment:	Measured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 213403 51875 48719 37825 0 Pass 2 213513 52357 48533 38035 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 213194 52022 48066 37995 0 Pass 4 213162 51495 48414 37889 0 Pass 5 212537 51584 47813 38252 0 Pass 6 212699 51554 48349 38034 0 Pass 7 213749 52031 49226 38077 0 Pass 8 212724 51538 47891 37914 0 Pass 9 213645 52099 48499 38170 0 Pass 10 213030 52045 48432 37899 0 Pass
Predelay:	1.50	Cycle Singles Doubles Triples Mass QC Tests
Gate length: 2nd gate length: High voltage: Die away time: Efficiency Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	64.00 64.00 1720 50.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	1 3556.717 52.600 0.000 0.000 Pass 2 3558.550 63.733 0.000 0.000 Pass 3 3553.233 65.933 0.000 0.000 Pass 4 3552.700 51.350 0.000 0.000 Pass 5 3542.283 62.850 0.000 0.000 0.000 Pass 6 3544.983 53.417 0.000 0.000 0.000 Pass 7 3562.483 46.750 0.000 0.000 Pass 8 3545.400 60.783 0.000 0.000 0.000 Pass 8 3545.400 60.783 0.000 0.000 0.000 Pass 9 3560.750 60.000 0.000 0.000 Pass 10 3550.500 60.217 0.000 0.000 Pass
Normalization constant:	1.0000 + 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000	
	(1)	(2)

```
201912_AFAS-B Top Fork_Position3.txt
                                                                                                                                                                                                                                                                                                                          201912_AFAS-B Top Fork_Position3.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                0.000 +-
0.000
                                                                                                                                                                                                                                                                Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                           0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                  Number passive cycles:
                                                                                                                                                                                                                                                                             Count time (sec)
                                                         JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                             Passive error messages
                                                         19. 12. 06 09:51:32
9C6J5132. VER
                                                                                                                                                                                                                                                             No known alpha calibration
                                                                                                                                                                                                                                                              Results
             Inspection number
                                                         BT03 201912
XXXX
                        Item id:
Stratum id:
                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                        48995, 617 +--
                                                                                                                                                                                                                                                                                                                                                                                            11, 133
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                        Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                        10305. 257 +-
0. 000 +-
157. 322 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                            19. 325
0. 000
0. 519
                                                                                                                                                                                                                                                                                                                                                                                              0.000
          Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                         Sample method
Measured
                                                                                                                                                                                                                                                             Passive cycle raw data
                                                                                                                                                                                                                                                                              Singles
2939434
2941458
2938627
                                                                                                                                                                                                                                                                                                        R+A
9833075
9847975
9832662
                                                                                                                                                                                                                                                                                                                                                          Scaler 1
9343
9458
9422
                                                                                                                                                                                                                                                                                                                                                                                  Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                              Cycle
                                                                                                                                                                                                                                                                                                                                A
9215041
9230648
9211866
                       Isotopics id: Default
                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                9208811
9206935
9222094
9237961
9238261
9207060
9203331
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                               2938660
2937703
2940302
2942894
                                                                                                                                                                                                                                                                                                        9832414
9824716
9844369
9858596
                                                                                                                                                                                                                                                                                                                                                                9629
9391
9417
9350
                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                0
0
0
0
0
0
                                                                                        0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                              0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                9578
9468
9337
                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
                                        Pu241:
                                                                                                                                                                                                                                                                               2943068
                                                                                                                                                                                                                                                                                                        9855578
                                        Pu242:
                                                                                                                                                                                                                                                                               2937895
2937329
                                                                                                                                                                                                                                                                                                        9819388
9816389
                                  Pu date:
Am241:
Am date:
                                                         00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                                                                                                                                                                                  10
                                                                                         0.0000
                                                                                                                                               0.0000
                                                                                                                                                                                                                                                             Passive cycle rate data
                Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                    Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                 Singles
48990, 567
                                                                1.50
64.00
                                                                                                                                                                                                                                                             Cvcle
                                                                                                                                                                                                                                                                                                                  Doubles
10300. 567
                                                                                                                                                                                                                                                                                                                                                                                         Mass QC Tests
0.000 Pass
                                                            64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                  49024. 300
48977. 117
48977. 667
48961. 717
                                                                                                                                                                                                                                                                                                                  10288. 783
10346. 600
10393. 383
10296. 350
                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                  49005, 033
                                                                                                                                                                                                                                                                                                                  10371, 250
                                                                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                                  49048 233
                                                                                                                                                                                                                                                                                                                  10343 917
                                                                                                                                                                                                                                                                                  49046. 233
49051. 133
48964. 917
48955. 483
                                                                                                                                                                                                                                                                                                                  10288. 617
10205. 467
10217. 633
                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
 Normalization constant:
                                                                  1.0000 +-
                                                                                                0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                  0.000 +-
0.000 +-
                                                                                                  (1)
                                                                                                                                                                                                                                                                                                                                                                (2)
```

	201912_AFAS-B Top Fork_Position	4. txt			201	912_AFAS-	-B Top Fork_F	Position4. txt
INCC 5.1.2 Facility:	JMOX		Passi	ve triples bk ve scaler1 bk ve scaler2 bk	grnd:	0.000 +- 0.000 0.000	0.000	
Material balance area: Detector type: Detector id:	JSR_01 JSR_01			er passive cy Count time (cles:	10 60		
Electronics id: Inventory change code: I/O code:	JSR-12		Passiv	e error messa	ges			
	19. 12. 06 10:07:36 9C6K0736. VER		No kno	wn alpha cali	bration			
Inspection number: Item id:	BT04 201912		Result	s	0:		2045 205	0.004
Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification Review disk file				Sing Doub Trip Scale Scale	les: les: er 1:	6345. 025 + 176. 810 + 0. 000 + 53. 958 + 0. 000 +	- 2. 301 - 0. 000 - 0. 337
QC tests: Error calculation: Accidentals method:	On Sample method Measured		Passiv	e cycle raw d				
Inspector name: Passive comment:	measur eu		Cycle 1 2	Singles 380619 380692	R+A 165384 165076	A 154743 154038	Scaler1 3183 3204	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 0.01.01	+ 0.0000 + 0.0000 + 0.0000 + 0.0000 + 0.0000	3 4 5 6 7 8 9	380657 381101 380607 381412 380899 380431 380819 379778	164392 165331 164891 165606 164717 165404 165673 164147	154163 154711 154313 155050 154493 154786 154118 154120	3354 3272 3242 3197 3274 3122 3250 3277	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Predelay:	1. 50		Cvcle	Singles	Doub l	es	Triples	Mass QC Tests
Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient G deadtime: Doubles gate fraction: Triples gate fraction:	64. 00 64. 00 1720 50. 0000 0. 0080 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001		1 2 3 4 5 6 7 8 9	6343. 650 6344. 867 6344. 283 6351. 683 6343. 450 6356. 867 6348. 317 6340. 517 6346. 983 6329. 633	177. 3 183. 9 170. 4 177. 0 176. 3 175. 9 170. 4 176. 9 192. 5	50 667 83 00 600 133 000 667	0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000	0.000 Pass 0.000 Pass
Normalization constant:	1.0000 +- 0.0000							
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000							
	(1)						(2)	

```
201912_AFAS-B Top Fork_Position5.txt
                                                                                                                                                                                                                                                                                                                                     201912_AFAS-B Top Fork_Position5.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                                        Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                           0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                        0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                         Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                           Number passive cycles:
                                                                                                                                                                                                                                                                                       Count time (sec)
                                                           JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                      Passive error messages
                                                           19. 12. 06 10:22:40
9C6K2240. VER
                                                                                                                                                                                                                                                                      No known alpha calibration
             Results
                                                           BT05 201912
XXXX
                                                                                                                                                                                                                                                                                                                                Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                      2633, 247 +-
                                                                                                                                                                                                                                                                                                                                                                                                           2.340
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                          30. 328 +-
0. 000 +-
47. 428 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                           1. 092
0. 000
0. 287
0. 000
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                      Passive cycle raw data
                                                                                                                                                                                                                                                                                        Singles
158925
157748
157715
                                                                                                                                                                                                                                                                                                                                                                       Scaler 1
2858
2730
2901
                                                                                                                                                                                                                                                                                                                                                                                                Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                        R+A
28600
                                                                                                                                                                                                                                                                       Cycle
                                                                                                                                                                                                                                                                                                                                                 A
26833
26493
26515
                                                                                                                                                                                                                                                                                                                        28304
28315
                        Isotopics id: Default
                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                 26343
26437
26757
26632
26709
26486
26420
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                       28098
28263
28492
28352
                                                                                                                                                                                                                                                                                                                                                                            2914
2844
2783
2871
                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                            157463
                                                                                                                                                                                                                                                                                                                                                                                                             0
0
0
0
0
0
                                                                                           0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                    0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                   0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                           157703
158204
158190
                                                                                                                                                                                                                                                                                                                       28190
28755
28453
                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                             2874
                                         Pu241:
                                                                                                                                                                                                                                                                            8
                                                                                                                                                                                                                                                                                           158421
                                         Pu242:
                                                                                                                                                                                                                                                                                           157954
157625
                                                                                                                                                                                                                                                                                                                                                                             2841
2841
                                   Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                    19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                                                                                                                                                                                           10
                                                                                            0.0000
                                                                                                                                                    0.0000
                                                                                                                                                                                                                                                                      Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                             Singles
2648.750
                                                                  1.50
64.00
                                                                                                                                                                                                                                                                                                                               Doubles
29, 450
30, 183
30, 000
29, 250
30, 433
28, 917
28, 667
24, 683
37, 817
33, 883
                                                                                                                                                                                                                                                                      Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                      Mass QC Tests
0.000 Pass
                                                              64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                              2629. 133
2628. 583
2624. 383
2628. 383
                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                             6
                                                                                                                                                                                                                                                                                              2636, 733
                                                                                                                                                                                                                                                                                              2636, 500
                                                                                                                                                                                                                                                                                             2640. 350
2632. 567
2627. 083
                                                                     1.0000 +-
 Normalization constant:
                                                                                                   0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     0.000 +-
0.000 +-
                                                                                                     (1)
                                                                                                                                                                                                                                                                                                                                                                            (2)
```

	201912_AFAS-B Top Fork_Position6.txt			201912_AFAS	-B Top Fork_F	Position6.txt
INCC 5.1.2	JMOX	Passiv	e triples bkgrn e scaler1 bkgrn e scaler2 bkgrn	nd: 0.000	0.000	
Material balance area: Detector type: Detector id:	XXXX JSR_01 JSR_01	Numbe	r passive cycle Count time (sec	es: 10		
Electronics id: Inventory change code: I/O code:	JSR-12	Passive	error messages	3		
Measurement date: Results file name:	19. 12. 06 10:37:44 9C6K3744. VER	No know	n alpha calibra	ation		
Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option:	BT06 201912 XXXX Pu 0.000 Verification	Results		Singles: Doubles: Triples: Scaler 1:	833. 093 + 2. 190 + 0. 000 + 67. 093 +	→ 0.365→ 0.000→ 0.360
Data source: QC tests: Error calculation:	Review disk file On	Page ive		Scaler 2:	0.000 +	⊢ 0.000
Accidentals method: Inspector name: Passive comment:	Sample method Measured	Cycle 1 2	50181	R+A A 2821 2785 2850 2661	Scaler1 4126 4109	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01.01 19.12.06 0.0000 ← 0.0000	2 3 4 5 6 7 8 9	49553 50015 49905 50127 50131 50038 50048	2733 2567 2820 2675 2759 2639 2866 2806 2835 2727 2911 2633 2810 2724 2820 2694	4057 3921 4018 3961 3938 4055 4031 4040	O Pass
Am date:	00. 01. 01 19. 12. 06		cycle rate dat			
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.0080 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0001	Cycle 1 2 3 4 5 6 7 8 9	Singles 836, 350 832, 633 825, 883 831, 750 835, 450 835, 517 833, 967 834, 133 831, 667	Doubles 0. 600 3. 150 2. 767 2. 417 2. 000 1. 000 1. 800 4. 633 1. 433 2. 100	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass OC Tests 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1. 0000 +- 0. 0000 0. 000 +- 0. 000					
Passive doubles bkgrnd:	0.000 +- 0.000					
	(1)				(2)	

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                  0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                 Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                      0.000
                                                                                                                                                                                                                                                                                   Number passive cycles:
                                                                                                                                                                                                                                                                                               Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                              Passive error messages
                                                             19. 12. 06 10:58:50
9C6K5850. VER
                                                                                                                                                                                                                                                                              No known alpha calibration
             Results
                                                             BT07 201912
XXXX
                                                                                                                                                                                                                                                                                                                                          Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                  1024, 183 +-
                                                                                                                                                                                                                                                                                                                                                                                                                       1, 145
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                    4. 497 +-
0. 000 +-
109. 450 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 497
0. 000
0. 400
                                                                                                                                                                                                                                                                                                                                                                                                                       0.000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                              Passive cycle raw data
                                                                                                                                                                                                                                                                                                Singles
61030
61633
61725
                                                                                                                                                                                                                                                                                                                                 R+A
4272
4372
4287
                                                                                                                                                                                                                                                                                                                                                                                  Scaler 1
6659
6600
6525
                                                                                                                                                                                                                                                                                                                                                                                                           Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                               Cycle
                                                                                                                                                                                                                                                                                                                                                             A
4116
4083
4087
                        Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                             4044
3902
3968
4050
                                                                                                                                                                                                                                                                                                                                                                                        6477
6718
6559
6575
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                       61715
                                                                                                                                                                                                                                                                                                                                   4348
4333
4157
4243
4224
4337
4468
                                                                                                                                                                                                                                                                                                                                                                                                                         0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                       0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                      61471
61432
61355
61209
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
                                          Pu241:
                                                                                                                                                                                                                                                                                     8
                                                                                                                                                                                                                                                                                                                                                              3999
4034
                                                                                                                                                                                                                                                                                                                                                                                         6538
                                          Pu242:
                                                                                                                                                                                                                                                                                                       61465
61475
                                                                                                                                                                                                                                                                                                                                                                                         6478
6541
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                       19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                                                                                                                                                                                                    10
                                                                                               0.0000
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                              Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                           Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                       Singles
1017, 167
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                                  Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                              Cvcle
                                                                                                                                                                                                                                                                                                                                          Doubles
                                                                                                                                                                                                                                                                                                                                              2. 600
4. 817
3. 333
5. 067
7. 183
                                                                64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                       1027. 217
1028. 750
1028. 583
1024. 517
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                              3. 150
3. 217
3. 750
5. 050
6. 800
                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                     6
                                                                                                                                                                                                                                                                                                       1023, 867
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
                                                                                                                                                                                                                                                                                                       1022, 583
                                                                                                                                                                                                                                                                                                       1022, 563
1020, 150
1024, 417
1024, 583
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
                                                                                                      0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                       (2)
```

	201912_AFAS-B Top Fork_Position8.txt	201912_AFAS-B Top Fork_Position8.txt
INCC 5. 1. 2	Nov	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000
Facility: Material balance area: Detector type: Detector id:	JM0X XXXX JSR_01 JSR 01	Passive scaler2 bkgrnd: 0.000 Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name: Inspection number:	19. 12. 06 13:21:29 9C6N2129. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	BT08 201912 XXXX Pu 0.000 Verification Review disk file	Singles: 590.177 + 0.719 Doubles: 1.473 + 0.346 Triples: 0.000 + 0.000 Scaler 1: 43.305 + 0.217 Scaler 2: 0.000 + 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment: Isotopics id: Isotopics source code: Pu238: Pu239:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000	Cycle Singles R-A A Scaler1 Scaler2 OC Tests 1 35441 1431 1351 2597 0 Pass 2 35337 1403 1343 2557 0 Pass 3 35384 1418 1329 2625 0 Pass 4 35475 1390 1331 2649 0 Pass 5 35380 1365 1362 2589 0 Pass 6 35482 1456 1416 2563 0 Pass
Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	7 35698 1418 1321 2626 0 Pass 8 35174 1371 1310 2663 0 Pass 9 35431 1519 1284 2541 0 Pass 10 35304 1453 1293 2573 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction	1.50 64.00 1720 50.0000 0.0080 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 590.683 1.333 0.000 0.000 Pass 2 588.950 1.000 0.000 0.000 0.000 Pass 3 589.733 1.483 0.000 0.000 Pass 4 591.250 0.983 0.000 0.000 Pass 5 589.667 0.050 0.000 0.000 Pass 6 591.367 0.667 0.000 0.000 Pass 7 594.967 1.617 0.000 0.000 Pass 8 586.233 1.017 0.000 0.000 Pass 9 590.517 3.917 0.000 0.000 Pass 10 588.400 2.667 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000	
	(1)	(2)

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                  Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                      0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                   Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                                                     Number passive cycles:
                                                                                                                                                                                                                                                                                                 Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                Passive error messages
                                                             19. 12. 06 13:37:33
9C6N3733. VER
                                                                                                                                                                                                                                                                                No known alpha calibration
             Results
                                                             BT09 201912
XXXX
                                                                                                                                                                                                                                                                                                                                            Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                    1139.003 +-
                                                                                                                                                                                                                                                                                                                                                                                                                          1.434
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                        5. 510 +-
0. 000 +-
30. 043 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                          0. 467
0. 000
0. 211
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                                Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                   R+A
5283
5234
5375
                                                                                                                                                                                                                                                                                                                                                                                    Scaler1
1833
1813
1762
                                                                                                                                                                                                                                                                                                                                                                                                              Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                 Cycle
                                                                                                                                                                                                                                                                                                                                                               A
5046
5024
4945
                                                                                                                                                                                                                                                                                                         68599
68545
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                               4889
4917
4971
4901
5010
4937
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                           1845
1739
1786
1785
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                         67850
                                                                                                                                                                                                                                                                                                                                      5128
                                                                                                                                                                                                                                                                                                                                                                                                                            0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                         68322
68491
68408
                                                                                                                                                                                                                                                                                                                                     5284
5293
5171
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
                                                                                                                                                                                                                                                                                      8
9
10
                                          Pu241:
                                                                                                                                                                                                                                                                                                         68529
                                                                                                                                                                                                                                                                                                                                      5372
                                                                                                                                                                                                                                                                                                                                                                                            1816
                                          Pu242:
                                                                                                                                                                                                                                                                                                         68467
                                                                                                                                                                                                                                                                                                                                      5345
5356
                                                                                                                                                                                                                                                                                                                                                                                           1870
1777
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                        19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                                                                                                                                                                                                                         67853
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                              Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                         Singles
1138.967
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                                    Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                Cvcle
                                                                                                                                                                                                                                                                                                                                            Doubles
                                                                                                                                                                                                                                                                                                                                                3. 950
3. 500
7. 167
3. 983
6. 117
                                                                64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                        1138. 967
1143. 317
1142. 417
1130. 833
1138. 700
1141. 517
1140. 133
                                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                5. 367
4. 500
6. 033
6. 800
7. 683
                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                       6
7
                                                                                                                                                                                                                                                                                                         1140. 133
1142. 150
1141. 117
1130. 883
                                                                       1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                          (2)
```

	201912_AFAS-B Top Fork_Position10.txt		201912_AFAS	-B Top Fork_Position10.txt
INCC 5.1.2	.MnX	Passive triples bk Passive scaler1 bk Passive scaler2 bk	grnd: 0.000	- 0.000
Material balance area: Detector type: Detector id:	XXXX JSR_01 JSR_01	Number passive cy Count time (rcles: 10	
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messa	ges	
	19. 12. 06 13:52:37 9C6N5237. VER	No known alpha cali	bration	
Inspection number: Item id:		Results		
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	Pu 0.000 Verification Review disk file		Singles: Doubles: Triples: Scaler 1: Scaler 2:	1116.352 \(\to \) 1.782 4.803 \(\to \) 0.621 0.000 \(\to \) 0.000 33.668 \(\to \) 0.281 0.000 \(\to \) 0.000
Error calculation: Accidentals method:		Passive cycle raw d	lata	
Inspector name: Passive comment:		Cycle Singles 1 66865 2 66954	R+A A 4891 4792 5106 4668	Scaler1 Scaler2 QC Tests 1939 0 Pass 2037 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu240: Pu242: Pu date: Am241: Am date:	CO 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 +- 0.0000 +- 0.0000	2 00994 3 66882 4 67774 5 66808 6 66748 7 67080 8 66992 9 67207 10 66501 Passive cycle rate	5092 4705 5176 5046 5141 4792 5049 4832 5037 4747 5106 4811 5135 4892 5115 4681	2037
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Doubles gate fraction: Triples gate fraction: Normalization constant:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0080 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000	Cycle Singles 1 1114.417 2 1115.900 3 1114.700 4 1129.567 5 1113.467 6 1112.467 7 1118.000 8 1116.533 9 1120.117 10 1108.350	Doubles 1. 650 7. 300 6. 450 2. 167 5. 817 3. 617 4. 833 4. 917 4. 050 7. 233	Triples Mass QC Tests 0.000 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000			

201912_AFAS-P Bottom Fork_Position1.txt

Normalization constant:

Passive singles bkgrnd: Passive doubles bkgrnd: 1.0000 +-

0.000 +-0.000 +- 0.0000

0. 000 0. 000 (1)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                               Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                     0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                  0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                     0.000
                                                                                                                                                                                                                                                                                  Number passive cycles:
                                                                                                                                                                                                                                                                                              Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                             Passive error messages
                                                             19. 12. 06 09:18:23
9C6J1823. VER
                                                                                                                                                                                                                                                                             No known alpha calibration
             Results
                                                             PB01 201912
                                                                                                                                                                                                                                                                                                                                         Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                 1072, 207 +-
                                                                                                                                                                                                                                                                                                                                                                                                                      1.836
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                     4. 883 +-
0. 000 +-
52. 660 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 400
0. 000
0. 350
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                             Passive cycle raw data
                                                                                                                                                                                                                                                                                                Singles
64823
64270
64364
                                                                                                                                                                                                                                                                                                                                R+A
4756
4592
4663
                                                                                                                                                                                                                                                                                                                                                                                 Scaler1
3103
3173
3114
                                                                                                                                                                                                                                                                                                                                                                                                           Scaler2 QC Tests

0 Pass

0 Pass

0 Pass
                                                                                                                                                                                                                                                                              Cycle
                                                                                                                                                                                                                                                                                                                                                            A
4573
4280
4438
                        Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                     64047
63953
64914
64536
64419
64075
                                                                                                                                                                                                                                                                                                                                  4724
4737
4758
4665
4688
                                                                                                                                                                                                                                                                                                                                                             4402
4315
4531
4431
4364
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                      3079
3219
3208
3271
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                        0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                       0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                      3068
3169
3192
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
                                                                                                                                                                                                                                                                                   8
9
10
                                          Pu241:
                                          Pu242:
                                                                                                                                                                                                                                                                                                                                   4699
4631
                                                                                                                                                                                                                                                                                                                                                              4314
                                    Pu242:
Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                       19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                                                                                                                                                                                                                      63923
                                                                                               0.0000
                                                                                                                                                        0.0000
                                                                                                                                                                                                                                                                              Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                          Triples
0.000
0.000
0.000
0.000
0.000
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                      Singles
1080.383
                                                                                                                                                                                                                                                                             Cvcle
                                                                                                                                                                                                                                                                                                                                          Doubles
                                                                                                                                                                                                                                                                                                                                                                                                                 Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                             3. 050
5. 200
3. 750
5. 367
7. 033
                                                               64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                      1071. 167
1072. 733
1067. 450
1065. 883
                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                    2
3
4
5
6
7
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                             3. 783
3. 900
5. 400
6. 417
4. 933
                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                      1081. 900
1075. 600
                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
                                                                                                                                                                                                                                                                                                      1073, 650
1067, 917
1065, 383
                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
                                                                                                      0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                      (2)
```

	201912_AFAS-P Bottom Fork_Position2.txt	201912_AFAS-P Bottom Fork_Position2.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	XXXX JSR_03 JSR_03	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name:	19. 12. 06 09:34:27 9C6J3427. VER	No known alpha calibration
Inspection number: Item id:	PB02 201912	Results
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file On	Singles: 1307.508 ← 1.717 Doubles: 6.667 ← 0.548 Triples: 0.000 ← 0.000 Scaler 1: 45.370 ← 0.324 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 78697 7123 6587 2733 0 Pass 2 79154 6983 6753 2749 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242:	Default 00 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 0.0000 0.0000	3 78480 6882 6435 2686 0 Pass 4 78452 6933 6458 2733 0 Pass 5 78471 6984 6663 2825 0 Pass 6 78476 6892 6424 2645 0 Pass 7 78085 6798 6482 2661 0 Pass 8 78074 6851 6574 2645 0 Pass 9 78510 6980 6531 2789 0 Pass
Pu date: Am241: Am date:	00. 01. 01	10 78106 7008 6527 2756 0 Pass Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction	1 . 50 64 . 00 64 . 00 1720 50 . 0000 0 . 0127 0 . 0000 0 . 0000 0 . 0000 0 . 0000 0 . 0000 0 . 0000	Cycle Singles Doubles Triples Mass QC Tests 1 1311.617 8.933 0.000 0.000 Pass 2 1319.233 3.833 0.000 0.000 Pass 3 1308.000 7.450 0.000 0.000 Pass 4 1307.533 7.917 0.000 0.000 Pass 5 1307.850 5.350 0.000 0.000 Pass 6 1307.933 7.800 0.000 0.000 Pass 7 1301.417 5.267 0.000 0.000 Pass 8 1301.233 4.617 0.000 0.000 Pass 9 1308.500 7.483 0.000 0.000 Pass 10 1301.767 8.017 0.000 0.000 Pass

201912_AFAS-P Bottom Fork_Position3.txt

Predelav

Efficiency

Gate length: 2nd gate length: High voltage: Die away time:

Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:

Normalization constant:

Passive singles bkgrnd: Passive doubles bkgrnd:

1.50

64. 00 64. 00 1720 50. 0000

0. 0127 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001

0.0001

1.0000 +-

0.000 +-0.000 +-

0.0000

0. 000 0. 000 (1)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                       0.000 +-
0.000
                                                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                 0.000
   Facility:
Material balance area:
Detector type:
Detector id:
                                                                                                                                                                                                                                            Passive scaler2 bkgrnd
                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                              Number passive cycles:
                                                                                                                                                                                                                                                        Count time (sec)
                 Electronics id:
                                                     JSR-12
   Inventory change code:

1/0 code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                         Passive error messages
                                                    19. 12. 06 09:51:32
9C6J5132. VER
                                                                                                                                                                                                                                          No known alpha calibration
                                                                                                                                                                                                                                          Results
            Inspection number
                                                     PB03 201912
                      Item id:
Stratum id:
                                                     XXXX
                                                                                                                                                                                                                                                                                               Singles:
                                                                                                                                                                                                                                                                                                                                  705, 803 +-
                                                                                                                                                                                                                                                                                                                                                                1, 203
 Material type:
Original declared mass:
Measurement option:
Data source:
                                                    Pu
0.000
Verification
Review disk file
                                                                                                                                                                                                                                                                                             Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                   2. 913 +-
0. 000 +-
57. 293 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                0. 257
0. 000
0. 271
0. 000
                                                    0n
                              QC tests:
         Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                    Sample method
Measured
                                                                                                                                                                                                                                         Passive cycle raw data
                                                                                                                                                                                                                                                                                     R+A
2074
2037
2097
                                                                                                                                                                                                                                                                                                                               Scaler 1
3460
3376
3443
                                                                                                                                                                                                                                                                                                                                                      Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                          Cycle
                                                                                                                                                                                                                                                               42204
42493
                                                                                                                                                                                                                                                                                                               1837
1957
                      Isotopics id:
                                                    Default
                                                                                                                                                                                                                                                                                                               1863
1888
1955
1805
1854
   Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                    0. 0000 +-
0. 0000 +-
100. 0000 +-
                                                                                                                                                                                                                                                               42007
42624
42298
42335
                                                                                                                                                                                                                                                                                       2009
2072
2056
2083
                                                                                                                                                                                                                                                                                                                                     3430
3454
3447
3390
                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                  0 0 0 0 0 0
                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                 0.0000
0.0000
0.0000
                                                                                                                                    0.0000
0.0000
0.0000
                                                                                 0.0000
                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
                                                         0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                       2047
                                    Pu241:
                                                                                                                                    0.0000
0.0000
                                                                                                                                                                                                                                               8
                                                                                                                                                                                                                                                               41975
                                                                                                                                                                                                                                                                                                                                      3379
                                    Pu242:
                                                                                                                                                                                                                                                               42517
                                                                                                                                                                                                                                                                                       2058
2122
                                                                                                                                                                                                                                                                                                               1922
1953
                                                                                                                                                                                                                                                                                                                                      3444
                               Pu date:
Am241:
Am date:
                                                    00. 01. 01
0. 0000
00. 01. 01
                                                                                                       19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                                                                                                                                                              10
                                                                                                                                                                                                                                                               42581
                                                                                                                                                                                                                                                                                                                                      3553
                                                                                  0.0000
                                                                                                                                    0.0000
                                                                                                                                                                                                                                          Passive cycle rate data
                              Predelay:
                                                           1.50
64.00
                                                                                                                                                                                                                                                                Singles
707.467
                                                                                                                                                                                                                                         Cvcle
                                                                                                                                                                                                                                                                                              Doubles |
                                                                                                                                                                                                                                                                                                                           Triples
                                                                                                                                                                                                                                                                                                                                                              Mass QC Tests
0.000 Pass
               Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                 3. 350
3. 333
2. 333
2. 433
3. 067
                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                            0.000
                                                       64. 00
1720
50. 0000
0. 0127
                                                                                                                                                                                                                                                                 703. 400
708. 217
700. 117
710. 400
                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                 1. 683
4. 633
3. 217
2. 267
2. 817
                                                             0.0000
                                                                                                                                                                                                                                                6
                                                                                                                                                                                                                                                                 704. 967
705. 583
                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                                                                                                                          Pass
                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
                                                             0.0000
                                                                                                                                                                                                                                                                                                                                                            0.000
                                                             0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                709. 583
708. 617
709. 683
                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
 Normalization constant:
                                                             1.0000 +-
                                                                                         0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                              0.000 +-
0.000 +-
                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                    (2)
```

	201912_AFAS-P Bottom Fork_Position4.txt					201912_AFAS-P Bottom Fork_Position4.txt						
INCC 5.1.2 Facility:	JMOX				Passiv	/e triples bl /e scaler1 bl /e scaler2 bl	kgrnd:	0. 000 +- 0. 000 0. 000	0. 000			
Material balance area: Detector type: Detector id: Electronics id:	XXXX JSR_03 JSR_03 JSR-12				Numbe	er passive cy Count time		10 60				
Inventory change code: I/O code:	00K 12				Passive	e error messa	ages					
Measurement date: Results file name:	19.12.06 10:07:37 9C6K0737. VER				No know	wn alpha cal	ibration					
Inspection number: Item id:	PB04 201912				Results	5						
Stratum id: Material type: Original declared mass: Measurement option:	XXXX Pu 0.000 Verification						Sing Doub Trip Scale	les: les:	1494. 990 - 7. 687 - 0. 000 - 246. 023 -	← 0.614 ← 0.000		
Data source: QC tests:	Review disk file On						Scale		0.000			
Error calculation: Accidentals method:	Sample method Measured					e cycle raw o						
Inspector name: Passive comment:					Cycle 1 2	Singles 89982 89448	R+A 9269 8931	A 8578 8589	Scaler1 14823 14797	Scaler2 QC Tests 0 Pass 0 Pass		
Isotopics id: Isotopics source code: Pu238:	Default CO 0.0000 +- 0.0000	0.0000 +-	0. 0000		3 4 5	88879 89966 89744	8837 9155 9102	8405 8626 8577	14692 14832 14765	0 Pass 0 Pass 0 Pass		
Pu239 : Pu240 : Pu241 :	0.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000	100.0000 +- 0.0000 +-	0. 0000 0. 0000 0. 0000		6 7 8	90361 89693 89635	9218 9063 9066	8662 8596 8716	14730 14889 14840	0 Pass 0 Pass 0 Pass		
Pu242: Pu date: Am241:	0.0000 +- 0.0000 00.01.01 0.0000 +- 0.0000	19. 12. 06	0. 0000 0. 0000		9 10	89453 89833	9115 9001	8712 8684	14707 14539	0 Pass 0 Pass		
Am date:	00. 01. 01	19. 12. 06			Passive	cycle rate	data					

1499. 433 1495. 733 1506. 017 1494. 883 1493. 917 1490. 883 1497. 217 8. 750 9. 267 7. 783 5. 833 6. 717 5. 283 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 Pass Pass Pass Pass Pass Pass

Triples

0. 000 0. 000 0. 000 0. 000

Doub Les

11. 517 5. 700 7. 200 8. 817

QC Tests

Mass

0. 000 0. 000 0. 000 0. 000 Pass Pass Pass Pass

Singles

1499. 700 1490. 800 1481. 317 1499. 433

Cycle

201912_AFAS-P Bottom Fork_Position5.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                   Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                         0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                       0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                    Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                                      Number passive cycles:
                                                                                                                                                                                                                                                                                                  Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                 Passive error messages
                                                             19. 12. 06 10:22:41
9C6K2241. VER
                                                                                                                                                                                                                                                                                 No known alpha calibration
             Results
                                                             PB05 201912
XXXX
                                                                                                                                                                                                                                                                                                                                             Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                      1335, 538 +-
                                                                                                                                                                                                                                                                                                                                                                                                                           1.848
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                       7. 165 +-
0. 000 +-
133. 732 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 694
0. 000
0. 485
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                                 Passive cycle raw data
                                                                                                                                                                                                                                                                                                   Singles
80153
80547
80342
                                                                                                                                                                                                                                                                                                                                    R+A
7417
7307
7312
                                                                                                                                                                                                                                                                                                                                                                                     Scaler 1
7934
8098
8066
                                                                                                                                                                                                                                                                                                                                                                                                               Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                 Cycle
                                                                                                                                                                                                                                                                                                                                                                 A
6949
6875
6976
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                 7018
7030
7000
6911
6728
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                          80325
80375
80554
79943
                                                                                                                                                                                                                                                                                                                                                                                             7934
7997
8145
7851
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                      7281
7317
7406
7430
7335
7303
7234
                                                                                                                                                                                                                                                                                                                                                                                                                              0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                         0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                          79659
                                                                                                                                                                                                                                                                                                                                                                                            8050
                                           Pu241:
                                                                                                                                                                                                                                                                                        8
                                           Pu242:
                                                                                                                                                                                                                                                                                                          79669
79756
                                                                                                                                                                                                                                                                                                                                                                  6654
                                                                                                                                                                                                                                                                                                                                                                                             8078
                                     Pu242:
Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                        19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                                                                                                                                                                                                      10
                                                                                                                                                                                                                                                                                                                                                                                             8086
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                 Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                               Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                             Doubles
7. 800
7. 200
5. 600
4. 383
4. 783
                                                                                                                                                                                                                                                                                                          Singles
1335, 883
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                 Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                      Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                          1342. 450
1339. 033
1338. 750
1339. 583
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                 6. 767
8. 650
10. 117
10. 817
5. 533
                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                        6
7
                                                                                                                                                                                                                                                                                                          1342, 567
                                                                                                                                                                                                                                                                                                          1332 383
                                                                                                                                                                                                                                                                                                          1327. 650
1327. 817
1329. 267
                                                                       1.0000 +-
 Normalization constant:
                                                                                                        0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                           (2)
```

	201912_AFAS-P Bottom Fork_Position6.txt	201912_AFAS-P Bottom Fork_Position6.txt						
INCC 5.1.2 Facility:		Passive triples Passive scaler1 Passive scaler2	bkgrnd: 0.000	- 0.000				
Material balance area: Detector type: Detector id: Electronics id:	JSR_03 JSR_03	Number passive Count time						
Inventory change code: I/O code:		Passive error mes	sages					
Measurement date: Results file name:	19. 12. 06 10:37:45 9C6K3745, VER	No known alpha ca	libration					
Inspection number: Item id:	PB06 201912	Results						
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	Pu 0.000 Verification Review disk file		Singles: Doubles: Triples: Scaler 1: Scaler 2:	1797. 718 \(+ \) 1. 885 14. 917 \(+ \) 0. 543 0. 000 \(+ \) 0. 000 67. 073 \(+ \) 0. 444 0. 000 \(+ \) 0. 000				
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw data						
Inspector name: Passive comment:	and the state of t	Cycle Singles 1 108657 2 107583	R+A A 13471 12526 13263 12344					
Isotopics id: Isotopics source code: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default 0.0000 ← 0.0000 ← 0.0000 0	3 107452 4 108017 5 107776 6 107851 7 107795 8 107462 9 107911 10 108133	13260 12311 13313 12222 13069 12210 13212 12438 13146 12275 13293 12459 13283 12312 13131 12394	3981 0 Pass 4060 0 Pass 4085 0 Pass 3972 0 Pass 4096 0 Pass 3911 0 Pass				
Am date:		Passive cycle rat	e data					
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0127 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0001	Cycle Single 1 810,95 2 1793,05 3 1790,86 4 1800,28 5 1796,16 6 1797,5 1 7 1796,58 8 1791,03 9 1798,51 10 1802,21	0 15. 750 0 15. 317 7 15. 817 3 18. 183 7 14. 317 7 12. 900 3 14. 517 3 13. 900 7 16. 183	Triples Mass QC Tests 0.000 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 0.000 Pass				
Normalization constant:	1.0000 +- 0.0000							
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000							

(2)

201912_AFAS-P Bottom Fork_Position7.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                 Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                       0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                    0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                  Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                                    Number passive cycles:
                                                                                                                                                                                                                                                                                                Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                               Passive error messages
                                                             19. 12. 06 10:58:51
9C6K5851. VER
                                                                                                                                                                                                                                                                               No known alpha calibration
             Results
                                                             PB07 201912
                                                                                                                                                                                                                                                                                                                                           Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                   4620, 408 +-
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                         1.905
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                     89. 852 +-
0. 000 +-
105. 105 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                         2. 122
0. 000
0. 350
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                               Passive cycle raw data
                                                                                                                                                                                                                                                                                                  Singles
276657
277107
277134
                                                                                                                                                                                                                                                                                                                                  R+A
87048
87422
87259
                                                                                                                                                                                                                                                                                                                                                                                   Scaler 1
6447
6328
6241
                                                                                                                                                                                                                                                                                                                                                                                                             Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                Cycle
                                                                                                                                                                                                                                                                                                                                                            A
81260
81915
81766
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                     277025
277584
277161
276765
                                                                                                                                                                                                                                                                                                                                  86832
87869
87477
86930
                                                                                                                                                                                                                                                                                                                                                            82189
81820
81913
81453
                                                                                                                                                                                                                                                                                                                                                                                          6253
6237
6353
6250
                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                           0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                    277666
277503
277643
                                                                                                                                                                                                                                                                                                                                                             82141
                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
                                                                                                                                                                                                                                                                                     8
9
10
                                                                                                                                                                                                                                                                                                                                   87191
                                          Pu241:
                                                                                                                                                                                                                                                                                                                                                                                          6330
                                          Pu242:
                                                                                                                                                                                                                                                                                                                                                             81841
                                                                                                                                                                                                                                                                                                                                                                                          6285
6339
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                        19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                                                                                                                                                                                                                                                                             82106
                                                                                               0.0000
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                               Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                             Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                       Singles
4610.950
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                                                          Doubles
96. 467
91. 783
91. 550
77. 383
100. 817
92. 733
91. 283
84. 167
88. 317
84. 017
                                                                                                                                                                                                                                                                               Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                    Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                       4618. 450
4618. 900
4617. 083
4626. 400
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                      6
                                                                                                                                                                                                                                                                                                        4619.350
4612.750
                                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                        4627, 767
                                                                       1.0000 +-
 Normalization constant:
                                                                                                      0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                         (2)
```

	201912_AFAS-P Bottom Fork_Position8.txt	201912_AFAS-P Bottom Fork_Position8.txt							
INCC 5. 1. 2	Herv	Passiv	ve triples b	kgrnd:	0.000 +- 0.000	0.000			
Facility: Material balance area:	JMOX XXXX		ve scaler2 b	-	0. 000				
Detector type: Detector id: Electronics id:	JSR_03 JSR_03 JSR-12		er passive c Count time		60				
Inventory change code: I/O code:	VOI. 12	Passive	e error mess	ages					
Measurement date: Results file name:	19. 12. 06 13: 21: 29 9C6N2129. VER	No know	wn alpha cal	ibration					
Inspection number: Item id:	PB08 201912	Results	3						
Stratum id: Material type: Original declared mass:	XXXX Pu 0.000			Do Tr	ngles: oubles: iples:	40158. 068 6854. 295 0. 000	⊢ 20. 033 ⊢ 0. 000		
Measurement option: Data source: QC tests:	Verification Review disk file On				iler 1: iler 2:	324. 928 · 0. 000 ·			
Error calculation: Accidentals method:	Sample method Measured	Passive	cycle raw	data					
Inspector name: Passive comment:		Cycle 1 2	Singles 2408810 2410679	R+A 6595126 6612777	A 6190974 6199295	Scaler1 19412 19485	Scaler2 QC Tests 0 Pass 0 Pass		
Isotopics id: Isotopics source code: Pu238:	Default CO 0.0000 0.0000 0.0000 +- 0.0000	3 4 5	2406084 2410629 2410310	6588012 6608958 6609404	6175609 6196212 6197971	19601 19304 19339	0 Pass 0 Pass 0 Pass		
Pu239: Pu240:	0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 100.0000 +- 0.0000	6 7	2410590 2410172	6610235 6603869	6198728 6195032	19498 19661	0 Pass 0 Pass		
Pu241: Pu242:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	8 9	2409404 2408227	6609760 6595018	6192357 6188284	19498 19567	0 Pass 0 Pass		
Pu date: Am241: Am date:	00. 01. 01	10 Passive	2409936 cycle rate	6610880 data	6197000	19592	0 Pass		
Predelay:	1.50	Cycle	Singles		bles	Triples	Mass QC Tests		
Gate length: 2nd gate length: High voltage:	64. 00 64. 00 1720	1 2 3	40146. 833 40177. 983 40101. 400	6891	i. 867 . 367 i. 383	0. 000 0. 000 0. 000	0. 000 Pass 0. 000 Pass 0. 000 Pass		
Die away time: Efficiency: Multiplicity deadtime:	50. 0000 0. 0127 0. 0000	4 5 6	40177. 150 40171. 833 40176. 500	6857). 100 '. 217 3. 450	0. 000 0. 000 0. 000	0. 000 Pass 0. 000 Pass 0. 000 Pass		
Coefficient A deadtime: Coefficient B deadtime:	0. 0000 0. 0000	7 8	40169. 533 40156. 733	6813	i. 450 i. 950 i. 717	0. 000 0. 000 0. 000	0.000 Pass 0.000 Pass		
Coefficient C deadtime: Doubles gate fraction:	0. 0000 0. 0001	9 10	40137. 117 40165. 600	6778	s. 900 s. 000	0. 000 0. 000	0. 000 Pass 0. 000 Pass		
Triples gate fraction:	0.0001								
Normalization constant: Passive singles bkgrnd:	1.0000 ← 0.0000 0.000 ← 0.000								
Passive doubles bkgrnd:	0.000 + 0.000								

201912_AFAS-P Bottom Fork_Position9.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                             Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                  0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                               0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                              Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                Number passive cycles:
                                                                                                                                                                                                                                                                                            Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                           Passive error messages
                                                            19. 12. 06 13:37:33
9C6N3733. VER
                                                                                                                                                                                                                                                                           No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                            Results
                                                            PB09 201912
                                                                                                                                                                                                                                                                                                                                      Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                               7680, 890 +-
                                                                                                                                                                                                                                                                                                                                                                                                                   4, 472
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                               245. 720 +-
0. 000 +-
1086. 198 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                   3. 947
0. 000
1. 514
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                           Passive cycle raw data
                                                                                                                                                                                                                                                                                              Singles
460098
462012
461410
                                                                                                                                                                                                                                                                                                                           R+A
240621
242460
241882
                                                                                                                                                                                                                                                                                                                                                                              Scaler1
65156
65443
65221
                                                                                                                                                                                                                                                                                                                                                                                                       Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                            Cycle
                                                                                                                                                                                                                                                                                                                                                     A
226216
227571
226840
                         Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                     226033
227191
226761
226993
226656
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                 460461
460672
461505
461918
                                                                                                                                                                                                                                                                                                                           240837
240781
241237
242937
                                                                                                                                                                                                                                                                                                                                                                                  64989
65171
65425
65532
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                     0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                      0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                           242535
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
                                          Pu241:
                                                                                                                                                                                                                                                                                                 460882
                                                                                                                                                                                                                                                                                                                                                                                  64770
                                          Pu242:
                                                                                                                                                                                                                                                                                                 460135
459441
                                                                                                                                                                                                                                                                                                                           240375
240092
                                                                                                                                                                                                                                                                                                                                                     226396
225668
                                                                                                                                                                                                                                                                                                                                                                                  64672
                                    Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000
00. 01. 01
                                                                                                                      19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                                                                                                                                                                                                 10
                                                                                                                                                                                                                                                                                                                                                                                  65340
                                                                                              0.0000
                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                           Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                       Triples
0.000
0.000
0.000
0.000
0.000
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                                                    Singles
7668.300
                                                                                                                                                                                                                                                                           Cvcle
                                                                                                                                                                                                                                                                                                                                      Doubles
240.083
                                                                                                                                                                                                                                                                                                                                                                                                              Mass QC Tests
0.000 Pass
                                                               64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                    7700. 200
7690. 167
7674. 350
7677. 867
                                                                                                                                                                                                                                                                                                                                       248. 150
250. 700
246. 733
226. 500
                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                  6
7
                                                                                                                                                                                                                                                                                                    7691, 750
                                                                                                                                                                                                                                                                                                                                       241. 267
265. 733
                                                                                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                                                    7698. 633
7681. 367
7668. 917
7657. 350
                                                                                                                                                                                                                                                                                                                                      264. 650
232. 983
240. 400
                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
 Normalization constant:
                                                                                                      0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                   (2)
```

201912_AFAS-P Bottom Fork_Position10.txt	201912_AFAS-P Bottom Fork_Position10.txt

INCC 5. 1. 2				Pass	sive triples b	grnd:	0.000 +-	0.000	
Facility:	JMOX				sive scaler1 bl sive scaler2 bl		0.000		
Material balance area:				1 00	SIVE SCATELY DE	kgi ilu .	0.000		
Detector type:	JSR 03			Nur	mber passive cy	roles:	10		
Detector id:	JSR 03			· · ·	Count time		60		
Electronics id:	JSR-12				oodiic cimo	(000) .	00		
Inventory change code:	3011 12			Pass	ive error messa	ages			
I/O code:									
Measurement date:	19. 12. 06 13:52:37			No ki	nown alpha cali	bration			
Results file name:	9C6N5237. VER								
Inspection number:				Resu	lts				
Item id:	PB10 201912								
Stratum id:	XXXX						ngles:	3253. 788	
Material type:	Pu						ubles:	44. 403	
Original declared mass:	0. 000						iples:	0.000	
Measurement option:	Verification						ler 1:	2476. 852	
Data source:	Review disk file					Scal	ler 2:	0.000	+- 0.000
QC tests:	On			D		1.4.			
Error calculation:	Sample method			Pass	ive cycle raw o	iata			
Accidentals method:	Measured			Cual	. Cimalaa	D. A		Canlau1	Scaler2 QC Tests
Inspector name: Passive comment:				Cycle 1	e Singles 195927	R+A 43667	A 41003	Scaler1 148706	0 Pass
rassive comment.				2	194733	43073	40339	148469	0 Pass
Isotopics id:	Default			3	194691	42860	40108	148616	0 Pass
Isotopics source code:	CO			4	195694	43772	40846	148644	0 Pass
Pu238:	0.0000 +- 0.0000	0.0000 +-	0.0000	5	194386	42907	40335	148357	0 Pass
Pu239:	0.0000 +- 0.0000	0.0000 +-	0.0000	6	194836	43261	40411	148749	0 Pass
Pu240:	100.0000 +- 0.0000	100.0000 +-	0.0000	7	195499	43462	41110	148565	0 Pass
Pu241:	0.0000 +- 0.0000	0.0000 +-	0.0000	8	195187	43215	40234	148234	0 Pass
Pu242:	0.0000 +- 0.0000	0.0000 +-	0.0000	9	195519	43512	41348	149209	0 Pass
Pu date:	00. 01. 01	19. 12. 06		10	195801	43389	40742	148562	0 Pass
Am241:	0.0000 +- 0.0000	0.0000 +-	0.0000						
Am date:	00. 01. 01	19. 12. 06		Pass	ive cycle rate	data			
Predelav:	1.50			Cycle	e Singles	Doub	oles	Triples	Mass QC Tests
Gate length:	64. 00			. 1	3265, 450	44.	400	0.000	0.000 Pass
2nd gate length:	64. 00			2	3245. 550	45.	567	0.000	0.000 Pass
High voltage:	1720			3	3244. 850	45.	867	0.000	0.000 Pass
Die away time:	50. 0000			4	3261.567		767	0.000	0. 000 Pass
Efficiency:	0. 0127			5	3239. 767		867	0.000	0. 000 Pass
Multiplicity deadtime:	0.0000			6	3247. 267		500	0.000	0. 000 Pass
Coefficient A deadtime:	0.0000			7	3258. 317		200	0.000	0.000 Pass
Coefficient B deadtime:	0. 0000			8	3253. 117		683	0.000	0. 000 Pass
Coefficient C deadtime:	0.0000			9	3258. 650		067	0.000	0. 000 Pass
Doubles gate fraction:	0.0001			10	3263. 350	44.	117	0.000	0. 000 Pass
Triples gate fraction:	0. 0001								
Normalization constant:	1.0000 +- 0.000	0							
Passive singles bkgrnd:	0.000 +- 0.000								
Passive doubles bkgrnd:	0.000 + 0.000								
· ·									

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                               Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                                       0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                               Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                                                                  Number passive cycles:
                                                                                                                                                                                                                                                                                                              Count time (sec)
                                                                JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                            Passive error messages
                                                                19. 12. 06 09:18:23
9C6J1823. VER
                                                                                                                                                                                                                                                                                            No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                             Results
                                                                PC01 201912
XXXX
                                                                                                                                                                                                                                                                                                                                                           Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                      1072.306 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                             1.836
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                               Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                          4. 885 +-
0. 000 +-
52. 660 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                             0. 400
0. 000
0. 350
0. 000
                                                                On
Sample method
Measured
                                                                                                                                                                                                                                                                                            Passive cycle raw data
                                                                                                                                                                                                                                                                                                                Singles
64823
64270
64364
                                                                                                                                                                                                                                                                                                                                                  R+A
4756
4592
4663
                                                                                                                                                                                                                                                                                                                                                                                                     Scaler1
3103
3173
3114
                                                                                                                                                                                                                                                                                                                                                                                                                                 Scaler2 QC Tests

0 Pass

0 Pass

0 Pass
                                                                                                                                                                                                                                                                                             Cycle
                                                                                                                                                                                                                                                                                                                                                                                A
4573
4280
4438
                          Isotopics id: Default
                                                                0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                      64047
63953
64914
64536
64419
64075
                                                                                                                                                                                                                                                                                                                                                    4724
4737
4758
4665
4688
                                                                                                                                                                                                                                                                                                                                                                                4402
4315
4531
4431
4364
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                           3079
3219
3208
3271
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                                               0
0
0
0
0
0
                                                                                                   0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                               0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                           3068
3169
3192
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                  8
9
10
                                            Pu241:
                                                                                                                                                                                                                                                                                                                                                                                 4314
                                            Pu242:
                                                                                                                                                                                                                                                                                                                                                     4699
4631
                                      Pu242:
Pu date:
Am241:
Am date:
                                                                00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                             19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                                                                                                                                                                                                                                       63923
                                                                                                    0.0000
                                                                                                                                                                 0.0000
                                                                                                                                                                                                                                                                                            Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                               Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                           Doubles
3. 051
5. 202
3. 751
5. 369
7. 036
                                                                       1.50
64.00
                                                                                                                                                                                                                                                                                                                       Singles
1080, 484
                                                                                                                                                                                                                                                                                                                                                                                                                                       Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                            Cvcle
                                                                   64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                       1071. 266
1072. 833
1067. 549
1065. 982
                                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                3. 785
3. 901
5. 402
6. 419
4. 935
                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                    6
                                                                                                                                                                                                                                                                                                                       1082. 001
1075. 700
                                                                                                                                                                                                                                                                                                                       1073. 750
1073. 750
1068. 015
1065. 481
                                                                          1.0000 +-
                                                                                                           0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                          0.000 +-
0.000 +-
                                                                                                              (1)
                                                                                                                                                                                                                                                                                                                                                                                                           (2)
```

	201912_AFAS-P Collar_Position2.txt		201912_AFA	S-P Collar_Position2.txt
INCC 5. 1. 2		Passive triples bkg Passive scaler1 bkg	rnd: 0.000	0.000
Facility: Material balance area: Detector type:	JMOX XXXX JSR 03	Passive scaler2 bkg Number passive cyc		
Detector id: Electronics id: Inventory change code:	JSR_03 JSR-12	Count time (s	ec): 60	
I/O code: Measurement date:	19.12.06 09:34:27	No known alpha calib		
Results file name: Inspection number: Item id:	9C6J3427, VER PC02 201912	Results		
Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification Review disk file		Singles: Doubles: Triples: Scaler 1: Scaler 2:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw da	ta	
Inspector name: Passive comment:		Cycle Singles 1 78697 2 79154	R+A A 7123 6587 6983 6753	Scaler1 Scaler2 QC Tests 2733 0 Pass 2749 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 78480 4 78452 5 78471 6 78476 7 78085 8 78074 9 78510 10 78106	6882 6435 6933 6458 6984 663 6892 6424 6798 6482 6851 6574 6980 6531 7008 6527	2686 0 Pass 2733 0 Pass 2825 0 Pass 2645 0 Pass 2661 0 Pass 2645 0 Pass 2645 0 Pass 2759 0 Pass 2756 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.1620 86.5000 0.3458 0.0299 0.0000 0.0001 0.0001	Cycle Singles 1 1311.765 2 1319.384 3 1308.148 4 1307.681 5 1307.988 6 1308.081 7 1301.563 8 1301.380 9 1308.648 10 1301.913	Doubles 8. 937 3. 835 7. 453 7. 920 5. 352 7. 804 5. 269 4. 619 7. 487 8. 020	Triples Mass QC Tests 0.000 0.000 Pass 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 ← 0.0000 0.000 ← 0.000			
Passive doubles bkgrnd:	0.000 +- 0.000			

```
201912_AFAS-P Collar_Position3.txt
                                                                                                                                                                                                                                                                                                                                                 201912_AFAS-P Collar_Position3.txt
                                                                                                                                                                                                                                                                                                                                                     0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                               Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                  0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                     0.000
                                                                                                                                                                                                                                                                                  Number passive cycles:
                                                                                                                                                                                                                                                                                              Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                             Passive error messages
                                                            19. 12. 06 09:51:32
9C6J5132. VER
                                                                                                                                                                                                                                                                             No known alpha calibration
             Results
                                                            PC03 201912
XXXX
                                                                                                                                                                                                                                                                                                                                         Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                  705, 846 +-
                                                                                                                                                                                                                                                                                                                                                                                                                      1, 203
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                     2. 914 +-
0. 000 +-
57. 293 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 257
0. 000
0. 271
0. 000
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                             Passive cycle raw data
                                                                                                                                                                                                                                                                                               Singles
42448
42204
42493
                                                                                                                                                                                                                                                                                                                                R+A
2074
2037
2097
                                                                                                                                                                                                                                                                                                                                                                                Scaler 1
3460
3376
3443
                                                                                                                                                                                                                                                                                                                                                                                                          Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                              Cycle
                                                                                                                                                                                                                                                                                                                                                            A
1873
1837
1957
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                             1863
1888
1955
1805
1854
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                      42007
42624
42298
42335
                                                                                                                                                                                                                                                                                                                                                                                      3430
3454
3447
3390
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                 2009
2072
2056
2083
2047
2058
2122
                                                                                                                                                                                                                                                                                                                                                                                                                        0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                       0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
                                                                                                                                                                                                                                                                                   8
9
10
                                                                                                                                                                                                                                                                                                      41975
42517
                                          Pu241:
                                                                                                                                                                                                                                                                                                                                                                                       3379
                                          Pu242:
                                                                                                                                                                                                                                                                                                                                                              1922
1953
                                                                                                                                                                                                                                                                                                                                                                                       3444
3553
                                    Pu242:
Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                       19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                                                                                                                                                                                                                      42581
                                                                                               0.0000
                                                                                                                                                        0.0000
                                                                                                                                                                                                                                                                             Passive cycle rate data
                                                               1. 50
64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                          Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                       Singles
707.510
                                                                                                                                                                                                                                                                                                                                        Doubles
3. 351
3. 334
2. 334
2. 434
3. 067
1. 684
4. 634
3. 217
2. 267
2. 817
                                                                                                                                                                                                                                                                                                                                                                                                                Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                             Cvcle
                                                                                                                                                                                                                                                                                                       703. 443
708. 260
700. 159
710. 444
                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                    6
7
                                                                                                                                                                                                                                                                                                        705. 010
705. 626
                                                                                                                                                                                                                                                                                                       699. 626
708. 660
709. 727
                                                                      1.0000 +-
                                                                                                      0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                      (2)
```

	201912_AFAS-P Coll	ar_Position4.txt				201	912_AFAS	S-P Collar_Pos	sition4. txt
INCC 5.1.2 Facility:				Passiv	re triples bkg re scaler1 bkg re scaler2 bkg	rnd: 0	. 000 +- . 000 . 000	0.000	
Material balance area: Detector type: Detector id: Electronics id:					er passive cyc Count time (s		10 60		
Inventory change code: I/O code:	00K 12			Passive	e error messag	ges			
Measurement date: Results file name:	19. 12. 06 10:07:37 9C6K0737. VER				n alpha calib	ration			
Inspection number: Item id: Stratum id:	PC04 201912 XXXX			Results	•	Singl		1495. 183 +	
Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file					Doubl Tripl Scaler Scaler	es: 1:	7. 691 + 0. 000 + 246. 023 + 0. 000 +	- 0. 000 - 0. 529
QC tests: Error calculation: Accidentals method:	On Sample method Measured			Passive	cycle raw da	ita			
Inspector name: Passive comment:	measureu			Cycle 1 2	Singles 89982 89448	R+A 9269 8931	A 8578 8589	Scaler1 14823 14797	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 19.12.06	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	3 4 5 6 7 8 9	88879 89966 89744 90361 89693 89635 89453 89833	8837 9155 9102 9218 9063 9066 9115 9001	8405 8626 8577 8662 8596 8716 8712 8684	14692 14832 14765 14730 14889 14840 14707 14539	0 Pass
Am date.	1.50	19. 12. 00		Cycle	cycle rate of Singles	Double	•	Triples	Mass QC Tests
Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 90 64. 00 64. 00 1720 50. 0000 0. 1620 86. 5000 0. 3458 0. 0299 0. 0000 0. 0001			1 2 3 4 5 6 7 8 9	1499, 894 1490, 894 1490, 992 1481, 506 1499, 628 1495, 927 1506, 213 1495, 077 1494, 110 1491, 076 1497, 410	11. 52 5. 70 7. 20 8. 82 8. 75 9. 27 7. 78 5. 83 6. 72 5. 28	3 4 1 5 1 7 6	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.000 Pass
Normalization constant:	1.0000 +- 0.0								
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.0 0.000 +- 0.0								
	(1)							(2)	

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                               Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                                       0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                                Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                                                  Number passive cycles:
                                                                                                                                                                                                                                                                                                               Count time (sec)
                                                                 JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                             Passive error messages
                                                                19. 12. 06 10:22:41
9C6K2241. VER
                                                                                                                                                                                                                                                                                             No known alpha calibration
               Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                             Results
                                                                PC05 201912
XXXX
                                                                                                                                                                                                                                                                                                                                                            Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                       1335, 693 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                              1.848
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                               Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                        7. 168 +-
0. 000 +-
133. 732 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                              0. 694
0. 000
0. 485
0. 000
                                                                On
Sample method
Measured
                                                                                                                                                                                                                                                                                             Passive cycle raw data
                                                                                                                                                                                                                                                                                                                Singles
80153
80547
80342
                                                                                                                                                                                                                                                                                                                                                   R+A
7417
7307
7312
                                                                                                                                                                                                                                                                                                                                                                                                      Scaler 1
7934
8098
8066
                                                                                                                                                                                                                                                                                                                                                                                                                                 Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                             Cycle
                                                                                                                                                                                                                                                                                                                                                                                 A
6949
6875
6976
                          Isotopics id: Default
                                                                0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                 7018
7030
7000
6911
6728
6654
                                                                                                                                                                                                                                                                                                                                                                                                            7934
7997
8145
7851
8050
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                       80325
80375
80554
79943
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                    7281
7317
7406
7430
7335
7303
7234
                                                                                                                                                                                                                                                                                                                                                                                                                                                0
0
0
0
0
0
                                                                                                   0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                               0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                   8
9
10
                                                                                                                                                                                                                                                                                                                       79659
                                             Pu241:
                                             Pu242:
                                                                                                                                                                                                                                                                                                                       79669
79756
                                                                                                                                                                                                                                                                                                                                                                                                             8078
8086
                                       Pu242:
Pu date:
Am241:
Am date:
                                                                00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                              19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                    0.0000
                                                                                                                                                                 0.0000
                                                                                                                                                                                                                                                                                             Passive cycle rate data
                                                                  1. 50
64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                            Doubles
7. 804
7. 203
5. 603
4. 385
4. 786
6. 770
8. 654
                                                                                                                                                                                                                                                                                                                                                                                               Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                       Singles
1336, 038
                                                                                                                                                                                                                                                                                                                                                                                                                                        Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                             Cvcle
                                                                                                                                                                                                                                                                                                                       1342. 606
1339. 188
1338. 905
1339. 738
                                                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                    6
                                                                                                                                                                                                                                                                                                                       1342. 723
1332. 537
                                                                                                                                                                                                                                                                                                                       1327. 802
1327. 969
1329. 419
                                                                                                                                                                                                                                                                                                                                                                10. 121
10. 822
5. 536
                                                                           1.0000 +-
                                                                                                            0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                           0.000 +-
0.000 +-
                                                                                                              (1)
                                                                                                                                                                                                                                                                                                                                                                                                            (2)
```

	201912_AFAS-P Collar_Position6.txt	201912_AFAS-P Collar_Position6.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JSR_03 JSR_03	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:	9C6K3745. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file	Singles: 1797.998 ← 1.885 Doubles: 14.926 ← 0.543 Triples: 0.000 ← 0.000 Scaler 1: 67.073 ← 0.444 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method: Inspector name: Passive comment:		Passive cycle raw data Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 108657 13471 12526 4040 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	2 107583 13263 12344 4086 0 Pass 3 107452 13260 12311 3881 0 Pass 4 108017 13313 12222 3981 0 Pass 5 107770 13069 12210 4060 0 Pass 6 107851 13212 12438 4085 0 Pass 7 107795 13146 12275 3972 0 Pass 8 107462 13293 12459 4096 0 Pass 9 107911 13283 12312 3911 0 Pass 10 108133 13131 12394 4132 0 Pass
Am date:	00. 01. 01 19. 12. 06	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient G deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.1620 86.5000 0.3458 0.0299 0.0000 0.0001	Cycle Singles Doubles Triples Mass 0C Tests 1 1811.234 15.760 0.000 0.000 Pass 2 1793.328 15.326 0.000 0.000 Pass 3 1791.144 15.826 0.000 0.000 0.000 Pass 4 1800.564 18.195 0.000 0.000 Pass 5 1796.466 14.326 0.000 0.000 Pass 6 1797.796 12.908 0.000 0.000 Pass 7 1796.862 14.526 0.000 0.000 Pass 8 1791.311 13.909 0.000 0.000 Pass 9 1798.796 16.193 0.000 0.000 Pass 10 1802.498 12.291 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1. 0000 +- 0. 0000 0. 000 +- 0. 000	
Passive doubles bkgrnd:	0.000 +- 0.000	

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                           Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                            0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                            Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                              Number passive cycles:
                                                                                                                                                                                                                                                                                          Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                         Passive error messages
                                                            19. 12. 06 10:58:51
9C6K5851. VER
                                                                                                                                                                                                                                                                         No known alpha calibration
             Results
                                                            PC07 201912
XXXX
                                                                                                                                                                                                                                                                                                                                    Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                           4622, 255 +-
                                                                                                                                                                                                                                                                                                                                                                                                                1.907
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                             89. 995 +-
0. 000 +-
105. 105 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                2. 125
0. 000
0. 350
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                         Passive cycle raw data
                                                                                                                                                                                                                                                                                           Singles
276657
277107
277134
                                                                                                                                                                                                                                                                                                                          R+A
87048
87422
87259
                                                                                                                                                                                                                                                                                                                                                                           Scaler 1
6447
6328
6241
                                                                                                                                                                                                                                                                                                                                                                                                    Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                          Cycle
                                                                                                                                                                                                                                                                                                                                                    A
81260
81915
81766
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                              277025
277584
277161
276765
                                                                                                                                                                                                                                                                                                                          86832
87869
87477
86930
                                                                                                                                                                                                                                                                                                                                                    82189
81820
81913
81453
                                                                                                                                                                                                                                                                                                                                                                                 6253
6237
6353
6250
                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
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0
0
0
0
0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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277503
277643
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Pass
Pass
                                                                                                                                                                                                                                                                              8
9
10
                                                                                                                                                                                                                                                                                                                           87191
                                         Pu241:
                                                                                                                                                                                                                                                                                                                                                                                  6330
                                         Pu242:
                                                                                                                                                                                                                                                                                                                           87140
87147
                                                                                                                                                                                                                                                                                                                                                     81841
                                                                                                                                                                                                                                                                                                                                                                                  6285
6339
                                   Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                     19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                                                                                                                                                                                                                                                                     82106
                                                                                             0.0000
                                                                                                                                                      0.0000
                                                                                                                                                                                                                                                                         Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                    Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                   Doubles
96. 621
91. 930
91. 696
77. 507
100. 978
                                                                                                                                                                                                                                                                                                 Singles
4612.789
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                          Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                         Cvcle
                                                              64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                 4620. 295
4620. 745
4618. 927
4628. 251
                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                      92. 882
91. 429
84. 302
88. 458
84. 151
                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
0. 000
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Pass
Pass
Pass
Pass
Pass
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7
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0. 000
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                                                                                                                                                                                                                                                                                                 4629, 619
4626, 900
4629, 236
                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                     1.0000 +-
                                                                                                    0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     0.000 +-
0.000 +-
                                                                                                      (1)
                                                                                                                                                                                                                                                                                                                                                                                (2)
```

	201912_AFAS-P Collar_Position8.txt	201912_AFAS-P Collar_Position8.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 +- 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JSR_03 JSR_03	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:	00N 12	Passive error messages
Measurement date: Results file name:	19. 12. 06 13:21:29 9C6N2129. VER	No known alpha calibration
Inspection number: Item id:	PC08 201912	Results
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	Pu	Singles: 40298, 212 + 7,696 Doubles: 6950,477 + 20,318 Triples: 0.000 + 0.000 Scaler 1: 324,928 + 0.612 Scaler 2: 0.000 + 0.000
Error calculation: Accidentals method:		Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 2408810 6595126 6190974 19412 0 Pass 2 2410679 6612777 6199295 19485 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default C0 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000	3 2406084 6588012 6175609 19601 0 Pass 4 2410629 6608958 6196212 19304 0 Pass 5 2410310 6609404 6197971 19339 0 Pass 6 2410590 6610235 6198728 19498 0 Pass 7 2410172 6603869 6195032 19661 0 Pass 8 2409404 6609760 6192357 19498 0 Pass 9 2408227 6595018 618284 19567 0 Pass 10 2409936 6610880 6197000 19592 0 Pass
	00. 01. 01 19. 12. 06	Passive cycle rate data
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Coefficient Geadtime: Topubles gate fraction: Triples gate fraction: Normalization constant:	1.50 64.00 64.00 1720 50.0000 0.1620 86.5000 0.3458 0.0299 0.0000 0.00001 0.0001	Cycle Singles Doubles Triples Mass OC Tests 1 40286.898 6830.360 0.000 0.000 Pass 2 40318.266 6988.118 0.000 0.000 Pass 3 40241.147 6996.969 0.000 0.000 Pass 4 40317.427 6975.677 0.000 0.000 Pass 5 40312.073 6953.473 0.000 0.000 Pass 6 40316.772 6954.735 0.000 0.000 Pass 7 40309.757 699.594 0.000 0.000 Pass 8 40296.867 7054.333 0.000 0.000 Pass 9 40277.114 6873.974 0.000 0.000 Pass 10 40305.796 6994.814 0.000 0.000 Pass
Passive singles bkgrnd:	0.000 +- 0.000	
Passive doubles bkgrnd:	0.000 +- 0.000	

(2)

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                   0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                 Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                      0.000
                                                                                                                                                                                                                                                                                   Number passive cycles:
                                                                                                                                                                                                                                                                                               Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                              Passive error messages
                                                             19. 12. 06 13:37:33
9C6N3733. VER
                                                                                                                                                                                                                                                                              No known alpha calibration
             Results
                                                             PC09 201912
XXXX
                                                                                                                                                                                                                                                                                                                                          Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                  7685, 995 +-
                                                                                                                                                                                                                                                                                                                                                                                                                       4, 478
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                  246. 374 +-
0. 000 +-
1086. 198 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                       3. 958
0. 000
1. 514
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                              Passive cycle raw data
                                                                                                                                                                                                                                                                                                Singles
460098
462012
461410
                                                                                                                                                                                                                                                                                                                              R+A
240621
242460
241882
                                                                                                                                                                                                                                                                                                                                                                                  Scaler1
65156
65443
65221
                                                                                                                                                                                                                                                                                                                                                                                                           Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                               Cycle
                                                                                                                                                                                                                                                                                                                                                         A
226216
227571
226840
                        Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                              240837
240781
241237
242937
242535
240375
240092
                                                                                                                                                                                                                                                                                                                                                         226033
227191
226761
226993
226656
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                    460461
460672
461505
461918
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65171
65425
65532
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Pass
Pass
Pass
Pass
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0
0
0
0
0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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Pass
Pass
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                                          Pu241:
                                          Pu242:
                                                                                                                                                                                                                                                                                                    460135
459441
                                                                                                                                                                                                                                                                                                                                                         226396
225668
                                                                                                                                                                                                                                                                                                                                                                                      64672
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                       19. 12. 06
0. 0000 +-
19. 12. 06
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                                                                                                                                                                                                                                                                                                                                                                                      65340
                                                                                               0.0000
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                              Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                           Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                       Singles
7673.389
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                              Cvcle
                                                                                                                                                                                                                                                                                                                                          Doubles
240. 721
                                                                                                                                                                                                                                                                                                                                                                                                                  Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                       7705. 331
7695. 284
7679. 447
7682. 968
                                                                                                                                                                                                                                                                                                                                          248. 812
251. 368
247. 389
227. 103
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                      7696. 870
7703. 762
7686. 473
7674. 006
7662. 424
                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
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Pass
Pass
Pass
Pass
Pass
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7
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266. 442
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233. 602
241. 038
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
 Normalization constant:
                                                                                                      0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                        (1)
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```

	201012 AFAS D Online Desiding to dut			00	1012 4540	D Calley Dee	itian10 tut
	201912_AFAS-P Collar_Position10.txt			20	11912_AFA5	-P Collar_Pos	ITTONIU. TXT
INCC 5.1.2 Facility:	JMOX	Passive	triples bkg scaler1 bkg scaler2 bkg	grnd:	0.000 +- 0.000 0.000	0.000	
Material balance area: Detector type: Detector id:	XXXX JSR_03 JSR_03	Number	passive cyc	les:	10 60		
Electronics id: Inventory change code: I/O code:	JSR-12		error messag		•		
Measurement date: Results file name:	19. 12. 06 13:52:37 9C6N5237. VER	No known	alpha calib	oration			
Inspection number:	PC10 201912	Results					
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file On			Dou Tri	gles: bles: ples: er 1: er 2:	3254. 704 + 44. 453 + 0. 000 + 2476. 852 + 0. 000 +	- 1. 331 - 0. 000 - 1. 381
Error calculation: Accidentals method:	on Sample method Measured	Passive of	cycle raw da	ita			
Inspector name: Passive comment:	measured	Cycle 3 1 2	Singles 195927 194733	R+A 43667 43073	A 41003 40339	Scaler1 148706 148469	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: PU238: PU239: PU240: PU241: PU242: PU date: Am241: Am date:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01.01 19.12.06 0.0000	3 4 5 6 7 8 9	194691 195694 194386 194386 195499 195187 195519 195801 cycle rate d	42860 43772 42907 43261 43462 43215 43512 43389	40108 40846 40335 40411 41110 40234 41348 40742	148616 148644 148357 148749 148565 148234 149209 148562	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Toubles gate fraction: Normalization constant:	1.50 64.00 64.00 1720 50.0000 0.1620 86.5000 0.3458 0.0299 0.0000 0.0001 1.0000	Cycle 1 2 3 4 5 6 7 8 9 10	Singles 3266. 372 3246. 461 3245. 761 3262. 487 3240. 674 3248. 179 3259. 235 3254. 032 3259. 568 3264. 271	Doub 44. 45. 45. 48. 42. 47. 39. 49. 36. 44.	450 618 918 822 915 553 244 739	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests Q. 000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000						

```
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                               0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                                                             0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                                           Number passive cycles:
                                                                                                                                                                                                                                                                                                       Count time (sec)
                                                               JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                      Passive error messages
                                                              19. 12. 06 09:18:23
9C6J1823. VER
                                                                                                                                                                                                                                                                                      No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                      Results
                                                              PT01 201912
                                                                                                                                                                                                                                                                                                                                                   Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                                40.705 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                   0. 281
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                -0.000 +-
0.000 +-
99.727 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                   0. 019
0. 000
0. 393
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                      Passive cycle raw data
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                                                                                                                                                                                                                                                                                                                                                                                            Scaler 1
5991
5917
5992
                                                                                                                                                                                                                                                                                      Cycle
                                                                                                                                                                                                                                                                                                                 2525
2393
2423
                                                                                                                                                                                                                                                                                                                                                  6
10
3
                          Isotopics id:
                                                              Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                                   5992
6038
6120
5917
5995
5857
    Isotopics source code:
Pu238:
Pu239:
Pu240:
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100.0000 +-
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10
6
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Pass
Pass
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9
10
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                                           Pu241:
                                           Pu242:
                                                                                                                                                                                                                                                                                                                 2413
2420
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5970
                                      Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000
00. 01. 01
                                                                                                                          19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                  0.0000
                                                                                                                                                             0.0000
                                                                                                                                                                                                                                                                                      Passive cycle rate data
                                                                 1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                     Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                 Singles
                                                                                                                                                                                                                                                                                                                                                                                                                             Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                      Cvcle
                                                                                                                                                                                                                                                                                                                                                    Doubles
                                                                                                                                                                                                                                                                                                                    42, 083
                                                                                                                                                                                                                                                                                                                                                      -0. 050
0. 067
-0. 050
-0. 017
-0. 117
0. 017
0. 050
0. 067
0. 017
                                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                    39. 883
40. 383
40. 283
42. 550
40. 600
40. 700
40. 017
40. 217
40. 333
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
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0. 000
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0. 000
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Pass
Pass
Pass
Pass
Pass
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7
                                                                         1.0000 +-
                                                                                                          0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.000 +-
0.000 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                  (2)
```

	201912_AFAS-P Top Fork_Position2.txt	201912_AFAS-P Top Fork_Position2.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	XXXX JSR_02 JSR_12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:	50K 12	Passive error messages
Measurement date: Results file name:	19.12.06 09:34:27 9C6J3427. VER	No known alpha calibration
Inspection number: Item id:	PT02 201912	Results
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file On	Singles: 61.160 + 0.291 Doubles: 0.052 + 0.029 Triples: 0.000 + 0.000 Scaler 1: 169.073 + 0.351 Scaler 2: 0.000 + 0.000
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	incessul ou	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 3721 13 10 10051 0 Pass 2 3624 19 12 10254 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default C0 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01.01 19.12.06 0.0000 ← 0.0000 ← 0.0000	3 3670 17 15 10039 0 Pass 4 3682 12 9 10155 0 Pass 5 3712 18 7 10206 0 Pass 6 3542 7 16 10168 0 Pass 7 3641 17 12 10177 0 Pass 8 3721 19 11 10096 0 Pass 9 3697 22 19 10159 0 Pass 10 3686 15 17 10139 0 Pass
Am date:		Passive cycle rate data
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient Coefficien	1. 50 64.00 64.00 1720 50.0000 0.0126 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 1.0000 1.0000	Cycle Singles Doubles Triples Mass QC Tests 1 62.017 0.050 0.000 0.000 Pass 2 60.400 0.117 0.000 0.000 Pass 3 61.167 0.033 0.000 0.000 Pass 4 61.367 0.050 0.000 0.000 Pass 5 61.867 0.183 0.000 0.000 Pass 6 59.033 -0.150 0.000 0.000 Pass 7 60.683 0.083 0.000 0.000 Pass 8 62.017 0.133 0.000 0.000 Pass 9 61.617 0.050 0.000 0.000 Pass 10 61.433 -0.033 0.000 0.000 Pass
Passive singles bkgrnd:	0.000 ← 0.000	
Passive doubles bkgrnd:	0.000 +- 0.000	

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                              Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                                       0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                               Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                                                                 Number passive cycles:
                                                                                                                                                                                                                                                                                                              Count time (sec)
                                                                 JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                            Passive error messages
                                                                19. 12. 06 09:51:32
9C6J5132. VER
                                                                                                                                                                                                                                                                                            No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                            Results
                                                                PT03 201912
XXXX
                                                                                                                                                                                                                                                                                                                                                           Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                       228, 197 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                             0. 701
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                               Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                          0. 163 +-
0. 000 +-
53. 533 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                             0. 088
0. 000
0. 270
0. 000
                                                                On
Sample method
Measured
                                                                                                                                                                                                                                                                                            Passive cycle raw data
                                                                                                                                                                                                                                                                                                                Singles
13716
13695
13642
                                                                                                                                                                                                                                                                                                                                                  R+A
223
233
193
                                                                                                                                                                                                                                                                                                                                                                               A
194
205
190
                                                                                                                                                                                                                                                                                                                                                                                                     Scaler1
3203
3212
3306
                                                                                                                                                                                                                                                                                                                                                                                                                                Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                             Cycle
                          Isotopics id: Default
                                                                0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                           3214
3120
3238
3185
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                       13568
                                                                                                                                                                                                                                                                                                                                                       237
216
212
221
217
186
202
                                                                                                                                                                                                                                                                                                                                                                                  205
220
190
235
219
176
                                                                                                                                                                                                                                                                                                                                                                                                                                               0
0
0
0
0
0
                                                                                                   0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                                      13728
13589
13959
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                  8
9
10
                                            Pu241:
                                                                                                                                                                                                                                                                                                                      13867
                                                                                                                                                                                                                                                                                                                                                                                                            3160
                                            Pu242:
                                                                                                                                                                                                                                                                                                                      13561
13593
                                                                                                                                                                                                                                                                                                                                                                                                             3255
3227
                                      Pu date:
Am241:
Am date:
                                                                00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                             19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                    0.0000
                                                                                                                                                                 0.0000
                                                                                                                                                                                                                                                                                            Passive cycle rate data
                                                                  1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                              Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                        Singles
228.600
                                                                                                                                                                                                                                                                                                                                                           Doubles
0. 483
0. 467
0. 050
0. 533
-0. 067
0. 367
-0. 233
-0. 033
0. 167
-0. 100
                                                                                                                                                                                                                                                                                                                                                                                                                                       Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                            Cvcle
                                                                                                                                                                                                                                                                                                                        228. 250
227. 367
226. 133
228. 800
                                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                       226. 483
232. 650
231. 117
226. 017
226. 550
                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                    6
7
                                                                          1.0000 +-
                                                                                                            0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                          0.000 +-
0.000 +-
                                                                                                              (1)
                                                                                                                                                                                                                                                                                                                                                                                                           (2)
```

	201912_AFAS-P Top Fork_Position4.txt		201912_AFA	G-P Top Fork_Position4.txt
INCC 5. 1. 2		Passive triples bkg Passive scaler1 bkg		- 0.000
Facility: Material balance area:		Passive scaler2 bkg	grnd: 0.000	
Detector type: Detector id:	JSR_02 JSR_02	Number passive cyc Count time (s		
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messag	ges	
Measurement date: Results file name:	19. 12. 06 10:07:37 9C6K0737, VER	No known alpha calib	bration	
Inspection number:	PT04 201912	Results		
Stratum id: Material type: Original declared mass:	XXXX Pu 0.000		Singles: Doubles: Triples:	879. 990 + 0. 617 3. 337 + 0. 286 0. 000 + 0. 000
Measurement option: Data source:	Verification Review disk file		Scaler 1: Scaler 2:	43. 558 +- 0. 214 0. 000 +- 0. 000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw da	ata	
Inspector name: Passive comment:		Cycle Singles 1 52648 2 52952	R+A A 3143 2958 3115 2977	Scaler1 Scaler2 QC Tests 2594 0 Pass 2680 0 Pass
Isotopics id: Isotopics source code: Pu238:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000	3 52698 4 52929 5 52835	3214 2955 3287 2985 3168 2977	2641 0 Pass 2655 0 Pass 2633 0 Pass
Pu239 : Pu240 : Pu241 :	$0.0000 \leftarrow 0.0000$ $0.0000 \leftarrow 0.0000$ $0.0000 \leftarrow 0.0000$ $100.0000 \leftarrow 0.0000$ $0.0000 \leftarrow 0.0000$ $0.0000 \leftarrow 0.0000$	6 52817 7 52706 8 52832	3085 2962 3165 2925 3139 2969	2634 0 Pass 2563 0 Pass 2590 0 Pass
Pu242: Pu date: Am241:	0.0000 +- 0.0000 0.0000 +- 0.0000 00.01.01 19.12.06 0.0000 +- 0.0000	9 52927 10 52650	3081 2889 3138 2936	2561 0 Pass 2584 0 Pass
Am date:		Passive cycle rate of	data	
Predelay: Gate length: 2nd gate length: High voltage: Die away time:	1.50 64.00 64.00 1720 50.0000	Cycle Singles 1 877. 467 2 882. 533 3 878. 300 4 882. 150	Doubles 3. 083 2. 300 4. 317 5. 033	Triples Mass QC Tests 0.000 0.000 Pass
Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime:	0. 0126 0. 0000 0. 0000 0. 0000	5 880. 583 6 880. 283 7 878. 433 8 880. 533	3. 183 2. 050 4. 000 2. 833	0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass
Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0. 0000 0. 0001 0. 0001	9 882. 117 10 877. 500	3. 200 3. 367	0.000 0.000 Pass 0.000 0.000 Pass
Normalization constant:	1. 0000 +- 0. 0000			
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000			

```
201912_AFAS-P Top Fork_Position5.txt
                                                                                                                                                                                                                                                                                                                                         201912_AFAS-P Top Fork_Position5.txt
                                                                                                                                                                                                                                                                                                                                              0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                           Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                           0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                           Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                              Number passive cycles:
                                                                                                                                                                                                                                                                                         Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                         Passive error messages
                                                            19. 12. 06 10:22:41
9C6K2241. VER
                                                                                                                                                                                                                                                                         No known alpha calibration
             Results
                                                            PT05 201912
XXXX
                                                                                                                                                                                                                                                                                                                                   Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                          2686, 973 +-
                                                                                                                                                                                                                                                                                                                                                                                                               2. 254
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                              27. 848 +-
0. 000 +-
47. 592 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                               1. 482
0. 000
0. 244
0. 000
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                         Passive cycle raw data
                                                                                                                                                                                                                                                                                           Singles
161799
161335
161688
                                                                                                                                                                                                                                                                                                                          R+A
29724
29750
29711
                                                                                                                                                                                                                                                                                                                                                                          Scaler 1
2799
2851
2840
                                                                                                                                                                                                                                                                                                                                                                                                    Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                         Cycle
                                                                                                                                                                                                                                                                                                                                                    A
28361
27675
28003
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                    27477
27986
27808
27747
27452
27785
27830
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                              160883
161428
161357
161479
                                                                                                                                                                                                                                                                                                                          29269
29246
29656
29383
                                                                                                                                                                                                                                                                                                                                                                                2922
2909
2870
2897
                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                 0
0
0
0
0
0
                                                                                            0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                    0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
                                                                                                                                                                                                                                                                                              160518
                                         Pu241:
                                                                                                                                                                                                                                                                                                                           29516
                                                                                                                                                                                                                                                                                                                                                                                 2834
                                         Pu242:
                                                                                                                                                                                                                                                                                              161031
160666
                                                                                                                                                                                                                                                                                                                           29338
29240
                                                                                                                                                                                                                                                                                                                                                                                 2777
2856
                                   Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                     19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                                                                                                                                                                                              10
                                                                                             0.0000
                                                                                                                                                      0.0000
                                                                                                                                                                                                                                                                         Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                   Doubles
22. 717
34. 583
28. 467
29. 867
21. 000
                                                                                                                                                                                                                                                                                                                                                                    Triples
0.000
0.000
0.000
0.000
0.000
                                                                  1.50
64.00
                                                                                                                                                                                                                                                                                                Singles
2696.650
                                                                                                                                                                                                                                                                         Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                           Mass QC Tests
0.000 Pass
                                                              64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                 2688. 917
2694. 800
2681. 383
2690. 467
                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                      30. 800
27. 267
34. 400
25. 883
23. 500
                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                6
7
                                                                                                                                                                                                                                                                                                 2689, 283
                                                                                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                                                2689. 263
2691. 317
2675. 300
2683. 850
2677. 767
                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                     1.0000 +-
                                                                                                    0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     0.000 +-
0.000 +-
                                                                                                      (1)
                                                                                                                                                                                                                                                                                                                                                                                (2)
```

	201912_AFAS-P Top Fork_Position6.txt	201912_AFAS-P Top Fork_Position6.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 +- 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	XXXX JSR_02 JSR_02	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name:	19. 12. 06 10:37:45 9C6K3745. VER	No known alpha calibration
Inspection number: Item id:	PT06 201912	Results
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file On	Singles: 34,483 + 0,245 Doubles: -0.048 + 0.017 Triples: 0.000 + 0.000 Scaler 1: 2310.158 + 1.381 Scaler 2: 0.000 + 0.000
Error calculation: Accidentals method:	on Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 2183 3 2 138360 0 Pass 2 2097 4 8 138552 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 100.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0101 ← 19.12.06 0.0000 0.0101 ← 19.12.06 0.0000	3 2043 2 10 138549 0 Pass 4 2083 4 7 138557 0 Pass 5 2061 2 6 138669 0 Pass 6 2056 2 5 138674 0 Pass 7 2059 5 7 138919 0 Pass 8 2008 3 9 138830 0 Pass 9 2052 1 4 138170 0 Pass 10 2048 7 4 138335 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001	Cycle Singles Doubles Triples Mass QC Tests 1 36,383 0.017 0.000 0.000 Pass 2 34,950 -0.067 0.000 0.000 0.000 Pass 3 34,050 -0.133 0.000 0.000 0.000 Pass 4 34,177 -0.050 0.000 0.000 Pass 6 34,267 -0.050 0.000 0.000 Pass 7 34,317 -0.033 0.000 0.000 Pass 8 33,467 -0.100 0.000 0.000 Pass 9 34,200 -0.050 0.000 0.000 Pass 10 34,133 0.050 0.000 0.000 Pass
Normalization constant:	1. 0000 +- 0. 0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000	
	(1)	(2)

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                      Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                           0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                                         Number passive cycles:
                                                                                                                                                                                                                                                                                                      Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                    Passive error messages
                                                              19. 12. 06 10:58:51
9C6K5851. VER
                                                                                                                                                                                                                                                                                    No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                    Results
                                                              PT07 201912
XXXX
                                                                                                                                                                                                                                                                                                                                                 Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                              30.973 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                 0.124
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                           -0.003 +-
0.000 +-
791.212 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 011
0. 000
0. 834
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                    Passive cycle raw data
                                                                                                                                                                                                                                                                                                       Singles
1852
1841
1894
                                                                                                                                                                                                                                                                                                                                                                                          Scaler 1
47589
47350
47490
                                                                                                                                                                                                                                                                                                                                                                                                                    Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                     Cycle
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                              47505
47421
47150
47703
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                 1815
                                                                                                                                                                                                                                                                                                                                                                                                                                   0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
                                                                                                                                                                                                                                                                                          8
9
10
                                                                                                                                                                                                                                                                                                                 1891
                                                                                                                                                                                                                                                                                                                                                                                              47457
                                           Pu241:
                                           Pu242:
                                                                                                                                                                                                                                                                                                                 1862
                                                                                                                                                                                                                                                                                                                                                                                              47650
47412
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000
00. 01. 01
                                                                                                                          19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                    Passive cycle rate data
                                                                1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                   Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                               Singles
30.867
                                                                                                                                                                                                                                                                                                                                                                                                                           Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                    Cvcle
                                                                                                                                                                                                                                                                                                                                                  Doubles |
                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 017
-0. 017
0. 067
0. 033
                                                                                                                                                                                                                                                                                                                  30. 683
31. 567
30. 250
30. 883
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                 31. 100
30. 717
31. 517
31. 033
31. 117
                                                                                                                                                                                                                                                                                                                                                     -0. 033
-0. 033
0. 000
-0. 033
-0. 033
                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                           6
7
                                                                        1.0000 +-
 Normalization constant:
                                                                                                         0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                (2)
```

	201912_AFAS-P Top Fork_Position8.txt	201912_AFAS-P Top Fork_Position8.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler! bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JSR_02 JSR_02	Number passive cycles: 10 Count time (sec): 60
Inventory change code:	J5K-12	Passive error messages
Measurement date: Results file name:	19. 12. 06 13:21:29 9C6N2129. VER	No known alpha calibration
Inspection number: Item id: Stratum id:	1111	Results Singles: 45.387 ← 0.323
Material type: Original declared mass: Measurement option: Data source: QC tests:	0.000 Verification Review disk file	Doubles: 0.003 ← 0.019 Triples: 0.000 ← 0.000 Scaler 1: 233.412 ← 0.316 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method:		Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 2713 8 10 13913 0 Pass 2 2777 11 10 13985 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default CO 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 0.0000 0.01.01 19.12.06 0.0000 0.0000 0.0000 ← 0.0000 0.0000 0.0000	3 2765 8 11 13979 0 Pass 4 2627 6 10 14034 0 Pass 5 2692 10 4 14117 0 Pass 6 2696 4 7 14071 0 Pass 7 2706 7 4 13987 0 Pass 8 2816 8 10 14024 0 Pass 9 2652 7 6 13997 0 Pass 10 2788 10 5 13940 0 Pass
Am date:	00. 01. 01 19. 12. 06	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0126 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Cycle Singles Doubles Triples Mass 0C Tests 1 45.217 -0.033 0.000 0.000 Pass 2 46.283 0.017 0.000 0.000 Pass 3 46.083 -0.050 0.000 0.000 0.000 Pass 4 43.783 -0.067 0.000 0.000 0.000 Pass 5 44.867 -0.100 0.000 0.000 Pass 6 44.933 -0.050 0.000 0.000 Pass 7 45.100 0.050 0.000 0.000 Pass 8 46.933 -0.033 0.000 0.000 Pass 9 44.200 0.017 0.000 0.000 Pass 10 46.467 0.083 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 ← 0.0000 0.000 ← 0.000	
Passive doubles bkgrnd:	0.000 + 0.000	(0)
	(1)	(2)

```
201912_AFAS-P Top Fork_Position9.txt
                                                                                                                                                                                                                                                                                                                                      201912_AFAS-P Top Fork_Position9.txt
                                                                                                                                                                                                                                                                                                                                            0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                         Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                         0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                         Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                           Number passive cycles:
                                                                                                                                                                                                                                                                                       Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                      Passive error messages
                                                           19. 12. 06 13:37:34
9C6N3734. VER
                                                                                                                                                                                                                                                                      No known alpha calibration
             Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                      Results
                                                           PT09 201912
XXXX
                                                                                                                                                                                                                                                                                                                                 Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                         151, 265 +-
                                                                                                                                                                                                                                                                                                                                                                                                            0.503
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                           0. 178 +-
0. 000 +-
95. 353 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                            0. 051
0. 000
0. 426
0. 000
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                      Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                R+A
92
93
89
91
98
97
106
82
99
                                                                                                                                                                                                                                                                                        Singles
                                                                                                                                                                                                                                                                                                                                                                       Scaler 1
5666
5845
5754
                                                                                                                                                                                                                                                                       Cycle
                                                                                                                                                                                                                                                                                                                                                         81
83
81
                                                                                                                                                                                                                                                                                                9030
9119
9224
                        Isotopics id:
                                                           Default
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                             5772
5611
5735
5647
5651
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                 9070
                                                                                                                                                                                                                                                                                                                                                         87
67
95
84
72
87
96
                                                                                                                                                                                                                                                                                                                                                                                                              0
0
0
0
0
0
                                                                                            0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                    0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                    0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
                                                                                                                                                                                                                                                                            8
9
10
                                                                                                                                                                                                                                                                                                 8935
                                         Pu241:
                                         Pu242:
                                                                                                                                                                                                                                                                                                8959
9173
                                                                                                                                                                                                                                                                                                                                                                              5836
5695
                                   Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000
00. 01. 01
                                                                                                                    19. 12. 06
0. 0000 +-
19. 12. 06
                                                                                            0.0000
                                                                                                                                                    0.0000
                                                                                                                                                                                                                                                                      Passive cycle rate data
                                                             1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                 Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                Singles
150.500
                                                                                                                                                                                                                                                                                                                                 Doubles
0. 183
0. 167
0. 133
0. 067
0. 517
0. 033
0. 367
0. 167
0. 200
-0. 050
                                                                                                                                                                                                                                                                                                                                                                                                      Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                      Cvcle
                                                                                                                                                                                                                                                                                                 151. 983
153. 733
151. 167
149. 867
                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                             6
7
                                                                                                                                                                                                                                                                                                 151. 883
152. 400
                                                                                                                                                                                                                                                                                                 148. 917
149. 317
152. 883
                                                                     1.0000 +-
                                                                                                    0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     0.000 +-
0.000 +-
                                                                                                     (1)
                                                                                                                                                                                                                                                                                                                                                                             (2)
```

	201912_AFAS-P Top Fork_Position10.txt	201912_AFAS-P Top Fork_Position10.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	XXXX JSR_02 JSR=12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:	19. 12. 06 13:52:38 9C6N5238. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests: Error calculation:	PTIO 201912 XXXX PU 0.000 Verification Review disk file On Sample method	Singles: 91.272 + 0.448
Accidentals method: Inspector name: Passive comment:	Measured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 5495 33 28 4573 0 Pass 2 5500 35 44 4728 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 0.0000	3 5529 43 37 4680 0 Pass 4 5382 35 34 4667 0 Pass 5 5536 28 33 4735 0 Pass 6 5357 23 32 4663 0 Pass 7 5647 37 29 4705 0 Pass 8 5449 47 31 4642 0 Pass 10 5459 34 35 4611 0 Pass 10 5459 34 3651 0 Pass
Am date: Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Gedadtime: Doubles gate fraction: Triples gate fraction:	00. 01. 01 19. 12. 06 1. 50 64. 00 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001	Passive cycle rate data Cycle Singles Doubles Triples Mass QC Tests 1 91.583 0.083 0.000 0.000 Pass 2 91.667 -0.150 0.000 0.000 0.000 Pass 3 92.150 0.100 0.000 0.000 Pass 4 89.700 0.017 0.000 0.000 Pass 5 92.267 -0.083 0.000 0.000 Pass 6 89.283 -0.150 0.000 0.000 Pass 7 94.117 0.133 0.000 0.000 Pass 8 90.817 0.267 0.000 0.000 Pass 9 90.150 -0.033 0.000 0.000 Pass 10 90.983 0.017 0.000 0.000 Pass
Normalization constant:	1.0000 + 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000	
	(1)	(2)

202001_AFAS-B Bottom Fork_Position1.txt

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                              0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                             Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                               Number passive cycles:
                                                                                                                                                                                                                                                                                           Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                          Passive error messages
                                                            20. 01. 09 09:27:03
019J2703. VER
                                                                                                                                                                                                                                                                          No known alpha calibration
              Results
                                                            BB1 202001
                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                 38.613 +-
                                                                                                                                                                                                                                                                                                                                                                                                                  0.206
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                 -0. 003 +-
0. 000 +-
96. 520 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 015
0. 000
0. 361
0. 000
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                          Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                      Singles
2301
                                                                                                                                                                                                                                                                                                                                                                             Scaler 1
5789
5734
5765
                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                     2256
2345
                        Isotopics id: Default
                                                           0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                    2319
2271
2369
2336
2337
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                   5870
5771
5787
5912
                                                                                                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                     0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                    3
12
10
                                                                                                                                                                                                                                                                                                                                                                                  5683
5750
5851
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                                                                                                                                                                                                                                                                8
9
10
                                          Pu241:
                                          Pu242:
                                                                                                                                                                                                                                                                                                     2276
2358
                                    Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000
00. 01. 01
                                                                                                                     20. 01. 09
                                                                                              0.0000
                                                                                                                     0.0000 +-
20.01.09
                                                                                                                                                      0.0000
                                                                                                                                                                                                                                                                          Passive cycle rate data
                                                             1. 50
64. 00
64. 00
1720
50. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                      Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                    Singles
38.350
                                                                                                                                                                                                                                                                                                                                     Doubles
0. 017
0. 033
-0. 017
-0. 017
-0. 017
0. 067
0. 033
0. 000
-0. 117
-0. 017
                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                          Cvcle
                                                                                                                                                                                                                                                                                                       37. 600
39. 083
38. 650
37. 850
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                 6
7
                                                                                                                                                                                                                                                                                                       39. 483
38. 933
                                                                                                                                                                                                                                                                                                       38. 950
37. 933
39. 300
                                                                      1.0000 +-
                                                                                                     0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                  (2)
```

	202001_AFAS-B Bottom Fork_Position2.txt	202001_AFAS-B Bottom Fork_Position2.txt
INCC 5.1.2	JMOX	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JM2G AFAS	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:	019J4508. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXXX Pu 0.000 Verification Review disk file	Singles: 59.313 ← 0.224 Doubles: 0.008 ← 0.017 Triples: 0.000 ← 0.000 Scaler 1: 164.632 ← 0.803 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method:	Sample method	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 3589 11 13 9677 0 Pass 2 3620 18 18 9826 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	00 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000	3 3526 16 16 9948 0 Pass 4 3591 13 13 9945 0 Pass 5 3578 12 16 9930 0 Pass 6 3569 14 13 9758 0 Pass 7 3589 18 19 9631 0 Pass 8 3507 18 13 9977 0 Pass 9 3527 19 12 9961 0 Pass 10 3492 11 12 10126 0 Pass
	00. 01. 01 20. 01. 09	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0060 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Cycle Singles Doubles Triples Mass QC Tests 1 59,817 -0.033 0.000 0.000 0.000 Pass 2 60,333 0.000 0.000 0.000 0.000 Pass 3 58,767 0.000 0.000 0.000 0.000 Pass 4 59,850 0.000 0.000 0.000 Pass 5 59,633 -0.067 0.000 0.000 Pass 6 59,483 0.017 0.000 0.000 Pass 7 59,817 -0.017 0.000 0.000 Pass 8 58,450 0.083 0.000 0.000 Pass 9 58,783 0.117 0.000 0.000 Pass 10 58,200 -0.017 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 ← 0.0000 0.000 ← 0.000	
Passive doubles bkgrnd:	0.000 + 0.000 (1)	(2)
	(1)	(2)

202001_AFAS-B Bottom Fork_Position3.txt

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                            Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                               Number passive cycles:
                                                                                                                                                                                                                                                                                                           Count time (sec)
                                                               JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                         Passive error messages
                                                               20. 01. 09 10:01:12
019K0112. VER
                                                                                                                                                                                                                                                                                         No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                          Results
                                                               BB3 202001
                                                                                                                                                                                                                                                                                                                                                        Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                   222.852 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                         0.556
                                                               XXXX
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                               Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                      -0. 037 +-
0. 000 +-
52. 432 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                         0. 096
0. 000
0. 326
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                         Passive cycle raw data
                                                                                                                                                                                                                                                                                                             Singles
13459
13454
13513
                                                                                                                                                                                                                                                                                                                                              R+A
214
193
213
171
206
196
201
197
185
210
                                                                                                                                                                                                                                                                                                                                                                            A
219
203
210
                                                                                                                                                                                                                                                                                                                                                                                                 Scaler 1
3115
3102
3276
                                                                                                                                                                                                                                                                                                                                                                                                                             Scaler2 QC Tests

0 Pass

0 Pass

0 Pass
                                                                                                                                                                                                                                                                                          Cycle
                         Isotopics id: Default
                                                               0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                        3088
3202
3106
3169
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                    13303
                                                                                                                                                                                                                                                                                                                                                                               193
178
196
195
211
215
188
                                                                                                                                                                                                                                                                                                                                                                                                                                           0
0
0
0
0
0
                                                                                                  0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                              0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                   13484
13425
13234
                                                                                                                                                                                                                                                                                                                                                                                                       3193
3116
3092
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
                                                                                                                                                                                                                                                                                               8
9
10
                                            Pu241:
                                                                                                                                                                                                                                                                                                                   13283
                                            Pu242:
                                                                                                                                                                                                                                                                                                                   13253
13303
                                      Pu242:
Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000
00. 01. 01
                                                                                                                            20. 01. 09
                                                                                                                            0.0000 +-
20.01.09
                                                                                                   0.0000
                                                                                                                                                               0.0000
                                                                                                                                                                                                                                                                                         Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                           Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                        Doubles
-0. 083
-0. 167
0. 050
-0. 367
0. 467
                                                                       1.50
64.00
                                                                                                                                                                                                                                                                                                                     Singles
224.317
                                                                                                                                                                                                                                                                                         Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                                   Mass QC Tests
0.000 Pass
                                                                  64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                     224. 233
225. 217
221. 717
224. 733
                                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                           0. 467
0. 000
0. 100
-0. 233
-0. 500
0. 367
                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                 6
7
                                                                                                                                                                                                                                                                                                                      223. 750
220. 567
                                                                                                                                                                                                                                                                                                                     221. 383
220. 883
221. 717
                                                                          1.0000 +-
                                                                                                           0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                          0.000 +-
0.000 +-
                                                                                                             (1)
                                                                                                                                                                                                                                                                                                                                                                                                       (2)
```

	202001_AFAS-B Bottom Fork_Position4.txt	202001_AFAS-B Bottom Fork_Position4.txt
INCC 5. 1. 2		Passive triples bkgrnd: 0.000 +- 0.000 Passive scaler1 bkgrnd: 0.000
Facility: Material balance area: Detector type: Detector id:	JM2G AFAS	Passive scaler2 bkgrnd: 0.000 Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:	20.01.09 10:18:17 019K1817. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification	Singles: 860.265 +- 1.378
QC tests: Error calculation: Accidentals method:	On .	Passive cycle raw data
Inspector name: Passive comment: Isotopics id:	Default	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 51828 3052 2875 2516 0 Pass 2 51956 2980 2906 2540 0 Pass 3 51730 2975 2898 2622 0 Pass
Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date:	00 0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 10.0000 +- 0.0000 100.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 00.01.01 20.01.09	4 51691 3028 2879 2636 0 Pass 5 51329 2975 2854 2529 0 Pass 6 51800 3125 2903 2621 0 Pass 7 51477 2983 2743 2547 0 Pass 8 51809 2910 2870 2580 0 Pass 9 51161 2980 2818 2553 0 Pass 10 51378 3072 2831 2583 0 Pass
Am241: Am date:	0.0000 \(\phi\) 0.0000 \(\phi\) 0.0000 \(\phi\) 0.0000 \(\phi\) 0.0000 \(\phi\) 0.0000 \(\phi\) 0.0000	Passive cycle rate data
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Gadatime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 863.800 2.950 0.000 0.000 Pass 2 865.933 1.233 0.000 0.000 Pass 3 862.167 1.283 0.000 0.000 Pass 4 861.517 2.483 0.000 0.000 Pass 5 855.483 2.017 0.000 0.000 Pass 6 863.333 3.700 0.000 0.000 Pass 7 857.950 4.000 0.000 0.000 Pass 8 863.483 0.667 0.000 0.000 Pass 9 852.683 2.700 0.000 0.000 Pass 10 856.300 4.017 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                      Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                             0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                           0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_02
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                                                         Number passive cycles:
                                                                                                                                                                                                                                                                                                     Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                    Passive error messages
                                                              20. 01. 09 10:34:21
019K3421. VER
                                                                                                                                                                                                                                                                                    No known alpha calibration
             Results
                                                              BB5 202001
                                                                                                                                                                                                                                                                                                                                                 Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                         2620, 123 +-
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                1.825
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                             27. 208 +-
0. 000 +-
46. 373 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                0. 938
0. 000
0. 256
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                    Passive cycle raw data
                                                                                                                                                                                                                                                                                                       Singles
156753
157378
157074
                                                                                                                                                                                                                                                                                                                                       R+A
27626
28094
28161
                                                                                                                                                                                                                                                                                                                                                                                          Scaler 1
2821
2816
2831
                                                                                                                                                                                                                                                                                                                                                                                                                    Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                                                  A
26145
26424
26446
                         Isotopics id: Default
                                                             0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                  26822
26693
26306
26358
26462
26269
26431
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                       28066
28225
28042
28216
                                                                                                                                                                                                                                                                                                                                                                                               2785
2704
2721
2801
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                           157480
                                                                                                                                                                                                                                                                                                                                                                                                                                  0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                          0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                          157262
157222
157383
                                                                                                                                                                                                                                                                                                          156491
157432
157599
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
                                           Pu241:
                                                                                                                                                                                                                                                                                          8
                                                                                                                                                                                                                                                                                                                                        28060
                                                                                                                                                                                                                                                                                                                                                                                                2838
                                           Pu242:
                                                                                                                                                                                                                                                                                                                                        27968
28223
                                                                                                                                                                                                                                                                                                                                                                                                2779
2728
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                                          10
                                                                                                                          20. 01. 09
                                                                                                                          0. 0000 +-
20. 01. 09
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                    Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                   Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                             Singles
2612.550
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                                                                Doubles 24, 683 27, 833 28, 583 20, 733 25, 533 28, 933 30, 967 26, 633 28, 317 29, 867
                                                                                                                                                                                                                                                                                    Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                           Mass QC Tests
0.000 Pass
                                                                 64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                             2622. 967
2617. 900
2624. 667
2621. 033
                                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                           6
7
                                                                                                                                                                                                                                                                                                             2620. 367
2623. 050
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
                                                                                                                                                                                                                                                                                                             2623. 050
2608. 183
2623. 867
2626. 650
                                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                        1.0000 +-
 Normalization constant:
                                                                                                        0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                               (2)
```

	202001_AFAS-B Bottom Fork_Position6.txt	202001_AFAS-B Bottom Fork_Position6.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	AFAS JSR_02	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code: Measurement date:	20.01.09 10:49:25	Passive error messages No known alpha calibration
Results file name: Inspection number: Item id:		Results
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file	Singles: 33.582 ← 0.236 Doubles: 0.027 ← 0.018 Triples: 0.000 ← 0.000 Scaler 1: 2252.722 ← 2.418 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method:		Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 OC Tests 1 2004 9 5 135481 0 Pass 2 1987 2 2 134916 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default 00 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01.01 20.01.09 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000	2 1364 2 2 133576 0 Pass 3 2084 1 2 135576 0 Pass 4 2037 9 1 135170 0 Pass 5 1980 4 7 135052 0 Pass 6 2023 4 4 135653 0 Pass 7 1935 4 5 135423 0 Pass 8 2016 9 4 135133 0 Pass 9 2079 8 4 134049 0 Pass 10 2004 3 3 135180 0 Pass
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Coefficient Coefficient Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Cycle Singles Doubles Triples Mass QC Tests 1 33, 400 0.067 0.000 0.000 0.000 9.000 9.8ss 2 33, 117 0.000 0.000 0.000 0.000 9.000 Pass 3 34, 733 -0.017 0.000 0.000 9.000 Pass 4 33, 950 0.133 0.000 0.000 9.000 Pass 5 33, 000 -0.050 0.000 0.000 9.000 Pass 6 33, 717 0.000 0.000 0.000 9.000 Pass 7 32, 250 -0.017 0.000 0.000 0.000 Pass 8 33, 600 0.083 0.000 0.000 Pass 9 34, 650 0.067 0.000 0.000 0.000 Pass 10 33, 400 0.000 0.000 0.000 0.000 0.000 Pass
Normalization constant:	1.0000 + 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000	
	(1)	(2)

```
202001_AFAS-B Bottom Fork_Position7.txt
```

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                              0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                           0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                           Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                             Number passive cycles:
                                                                                                                                                                                                                                                                                         Count time (sec)
                                                           JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                        Passive error messages
                                                           20. 01. 09 11:05:29
019L0529. VER
                                                                                                                                                                                                                                                                        No known alpha calibration
             Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                        Results
                                                           BB7 202001
                                                                                                                                                                                                                                                                                                                                   Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                           XXXX
                                                                                                                                                                                                                                                                                                                                                                              30.263 +-
                                                                                                                                                                                                                                                                                                                                                                                                               0.241
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                           -0. 020 +-
0. 000 +-
773. 075 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                               0. 016
0. 000
1. 136
0. 000
                                                           Sample method
Measured
                                                                                                                                                                                                                                                                        Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                  Singles
1866
                                                                                                                                                                                                                                                                                                                                                                          Scaler 1
46322
46659
46077
                                                                                                                                                                                                                                                                         Cycle
                                                                                                                                                                                                                                                                                                   1866
1827
                         Isotopics id: Default
                                                           0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                              46262
46132
46510
46700
                                                                                                                                                                                                                                                                                                   1808
                                                                                                                                                                                                                                                                                                                                                                                                                 0
0
0
0
0
0
                                                                                            0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                    0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                    0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                   1810
1861
1753
                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
                                                                                                                                                                                                                                                                              8
9
10
                                         Pu241:
                                                                                                                                                                                                                                                                                                   1791
                                                                                                                                                                                                                                                                                                                                                                              46245
                                         Pu242:
                                                                                                                                                                                                                                                                                                   1736
                                                                                                                                                                                                                                                                                                                                                                              46559
46379
                                    Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000
00. 01. 01
                                                                                                                    20. 01. 09
                                                                                                                    0.0000 +-
20.01.09
                                                                                             0.0000
                                                                                                                                                     0.0000
                                                                                                                                                                                                                                                                        Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                   Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                   Doubles
-0. 017
-0. 117
-0. 033
0. 000
0. 050
                                                                  1.50
64.00
                                                                                                                                                                                                                                                                                                   Singles
                                                                                                                                                                                                                                                                        Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                          Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                    31. 100
31. 100
30. 450
30. 133
30. 167
                                                              64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                      -0. 050
0. 000
0. 050
-0. 050
-0. 033
                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                               6
7
                                                                                                                                                                                                                                                                                                     31. 017
29. 217
                                                                                                                                                                                                                                                                                                    29. 850
28. 933
30. 667
                                                                     1.0000 +-
 Normalization constant:
                                                                                                    0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     0.000 +-
0.000 +-
                                                                                                      (1)
                                                                                                                                                                                                                                                                                                                                                                               (2)
```

	202001_AFAS-B Bottom	Fork Position8 t	·xt			202001	AFAS-R	Rottom Fork	_Position8.txt
INCC 5. 1. 2		TOTA_ GOTETONO. T		Passi	ve triples bk ve scaler1 bk	grnd: 0.0 grnd: 0.0	00 +- 00	0.000	_roorerono.exe
Facility: Material balance area: Detector type:	JM2G AFAS				ve scaler2 bk er passive cy	cles:	10		
Detector id: Electronics id: Inventory change code: I/O code:	JSR_02 JSR-12			Passiv	Count time (e error messa	·	60		
Measurement date: Results file name: Inspection number:	20. 01. 09 11:25:35 019L2535. VER			No kno Result:	wn alpha cali	bration			
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: OC tests:	BB8 202001 XXXX Pu 0.000 Verification Review disk file On			Result	•	Singles Doubles Triples Scaler 1 Scaler 2	:	44. 425 - -0. 007 - 0. 000 - 226. 767 - 0. 000 -	→ 0.023→ 0.000→ 0.752
Error calculation: Accidentals method: Inspector name:	Sample method Measured			Passive Cvcle	e cycle raw d Singles		A	Scaler1	Scaler2 QC Tests
Passive comment: Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default 0D 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.00000 0.0000 +- 0.00000 0.0000 0.0000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.000000	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 20.01.09 0.0000 +- 20.01.09	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	1 2 3 4 5 6 7 8 9	2667 2665 2608 2657 2711 2708 2665 2639 2597 2738	9 6 6 3 9 11 12 4 9	10 8 10 9 10 7 4 9 8 7	13402 13542 13772 13667 13698 13407 13831 13599 13622 13520	0 Pass 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Gadatime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: Normalization constant:	1.50 64.00 1720 50.0000 0.0060 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0000 1.0000 0.0001	000		Cycle 1 2 3 4 5 6 7 8 9	Singles 44. 450 44. 417 43. 467 44. 283 45. 183 45. 183 44. 417 43. 983 43. 283 45. 633	Doubles -0. 017 -0. 033 -0. 067 -0. 100 -0. 017 0. 067 0. 133 -0. 083 0. 017 0. 033	1	Friples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 + 0.0 0.000 + 0.0								
	(1)							(2)	

202001_AFAS-B Bottom Fork_Position9.txt

INCC

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                 0.000 +-
0.000
                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                         0.000
   Facility:
Material balance area:
Detector type:
Detector id:
                                                                                                                                                                                                                          Passive scaler2 bkgrnd
                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                            Number passive cycles
                                                                                                                                                                                                                                     Count time (sec)
                Electronics id:
                                                 JSR-12
   Inventory change code:

1/0 code:

Measurement date:
Results file name:
                                                                                                                                                                                                                        Passive error messages
                                                20. 01. 09 14:43:27
01904327. VER
                                                                                                                                                                                                                        No known alpha calibration
                                                                                                                                                                                                                        Results
           Inspection number
                             Item id:
                                                 BB9 202001
                     Stratum id:
                                                                                                                                                                                                                                                                                                         147, 742 +-
                                                 XXXX
                                                                                                                                                                                                                                                                          Singles:
                                                                                                                                                                                                                                                                                                                                     0.441
                                                Pu
0.000
Verification
Review disk file
 Material type:
Original declared mass:
Measurement option:
Data source:
                                                                                                                                                                                                                                                                        Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                           -0. 062 +-
0. 000 +-
93. 453 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                     0. 070
0. 000
0. 436
                                                                                                                                                                                                                                                                                                                                     0.000
                           QC tests:
                                                 0n
         Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                Sample method
Measured
                                                                                                                                                                                                                        Passive cycle raw data
                                                                                                                                                                                                                                                                                                                            Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                        Scaler1
5704
5536
5671
                                                                                                                                                                                                                                                                 R+A
82
75
82
                                                                                                                                                                                                                        Cycle
                                                                                                                                                                                                                                                                                           89
74
                                                                                                                                                                                                                                             8897
                    Isotopics id:
                                                Default
                                                                                                                                                                                                                                             8927
   Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                0D

0.0000 +-

0.0000 +-

100.0000 +-
                                                                                                                                                                                                                                                                                                            5453
5548
5702
5545
                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                              8759
                                                                                                                                                                                                                                                                      76
95
98
75
                                                                                                                                                                                                                                                                                           85
81
99
99
63
80
80
                                                                                                                                                                                                                                                                                                                                        0 0 0 0 0 0
                                                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                           0.0000
0.0000
0.0000
                                                                                                                          0.0000
0.0000
0.0000
                                                                                                                                                                                                                                             9032
8873
                                                                                                                                                                                                                                                                      80
68
77
                                  Pu241:
                                                     0.0000 +-
0.0000 +-
                                                                            0.0000
                                                                                                                          0.0000
0.0000
                                                                                                                                                                                                                             8
                                                                                                                                                                                                                                             8897
                                                                                                                                                                                                                                                                                                             5624
                                                                                                                                                                                                                                                                                                                                             Pass
                                                                            0.0000
                                  Pu242:
                                                                                                                                                                                                                                             8853
                                                                                                                                                                                                                                                                                                             5644
                                                                                                                                                                                                                                                                                                                                             Pass
Pass
                             Pu date:
Am241:
Am date:
                                                00. 01. 01
0. 0000
00. 01. 01
                                                                                               20. 01. 09
                                                                                                                                                                                                                            10
                                                                                                                                                                                                                                             8780
                                                                                                                                                                                                                                                                                                             5645
                                                                                               0.0000 +-
20.01.09
                                                                            0.0000
                                                                                                                          0.0000
                                                                                                                                                                                                                        Passive cycle rate data
                                                         1.50
                           Predelav
                                                                                                                                                                                                                        Cvcle
                                                                                                                                                                                                                                             Singles
                                                                                                                                                                                                                                                                                                   Triples
                                                                                                                                                                                                                                                                                                                                    Mass QC Tests
                                                                                                                                                                                                                                                                        Doubles -0. 217
              Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                       64.00
                                                                                                                                                                                                                                              146, 033
                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                                                                              Pass
                                                    64. 00
1720
50. 0000
0. 0060
                                                                                                                                                                                                                                              148. 283
148. 783
145. 983
147. 750
                                                                                                                                                                                                                                                                          -0. 233
0. 133
-0. 150
0. 233
                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
 Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                        0.0000
                                                                                                                                                                                                                              6
                                                                                                                                                                                                                                              150, 533
                                                                                                                                                                                                                                                                           -0. 017
-0. 400
                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                                                                                               Pass
                                                         0.0000
                                                                                                                                                                                                                                              147 883
                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                                                                                               Pass
                                                        0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                           0. 283
-0. 200
-0. 050
                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                              148. 283
147. 550
                                                                                                                                                                                                                                                                                                                                              Pass
Pass
 Normalization constant:
                                                        1.0000 +-
                                                                                  0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                         0.000 +-
0.000 +-
                                                                                   (1)
                                                                                                                                                                                                                                                                                                            (2)
```

	202001_AFAS-B BOLLOIII FOFK_FOSTLIOITIO. LKL	20	2001_AFA3-D DOI	LLOIII FOFK_FOSTLTOITTO. LXL	
5 5. 1. 2		Passive triples bkgrnd:	0.000 +-	0.000	
		Passive scaler1 bkgrnd:	0.000		
Facility:	JM0X	Passive scaler2 bkgrnd:	0.000		
aterial balance area:	JM2G				
Detector type:	AFAS	Number passive cycles:	10		
Detector id:	JSR_02	Count time (sec):	60		
Electronics id:	.ISR-12				

Electronics id: JSR-12
Inventory change code:
1/0 code:
Measurement date: 20.01.4
Results file name: 019059: Passive error messages 20. 01. 09 14:59:31 01905931. VER No known alpha calibration Inspection number:
Inspection number:
Item id:
Stratum id:
Material type:
Original declared mass: Results BB10 202001 XXXX Pu 0. 000 Singles: Doubles: Triples:

89.078 +-0.035 +-0.000 +-0. 270 0. 053 0. 000 Measurement option:
Data source:
QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment: Verification Review disk file Scaler 1: 75.592 +--0.296 Scaler 2: 0.000 +-0.000 On Sample method Measured Passive cycle raw data

Cycle Singles Passive comment 5246

> 0. 000 0. 000 (1)

Scaler2 QC Tests 0 Pass 0 Pass 41 26 23 29 4558 4549 5368 4491 4438 4539 4656 Isotopics id: Isotopics source code: Pu238: Pu239: Default OD 0.0000 +-0.0000 +-5384 5353 5379 5409 Pass Pass Pass Pass 34 42 25 31 36 28 29 36 37 35 0.0000 0.0000 0.0000 +-0.0000 +-100.0000 +-0.0000 0.0000 Pass Pass Pass Pass 100.0000 +-34 32 17 Pu240: 0.0000 0.0000 0.0000 5342 4529 0 0.0000 +-0.0000 +-0.0000 +-20.01.09 0.0000 +-20.01.09 Pu241 0.0000 0.0000 5274 4513 Pu242 0.0000 0.0000 5320 25 16 4565 0 Pu date: Am241: 00. 01. 01 0. 0000 00. 01. 01 10 0.0000 0.0000

Am date: Passive cycle rate data Predelay 1.50 Cycle Singles Doub Les Triples Mass QC Tests Gate length: 2nd gate length: High voltage: 64. 00 64. 00 1720 50. 0000 87. 433 89. 467 89. 733 89. 217 0. 300 -0. 050 -0. 033 0. 233 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 Pass Pass Pass Die away time Pass 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 Pass Pass Pass Pass Efficiency 0.0060 0.0000 89.650 90.150 -0. 067 -0. 083 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction: 0. 0000 0. 0000 0. 0000 0. 0001 89. 033 87. 900 -0. 050 -0. 050 -0. 133 0. 283 9 10 Pass Pass

Triples gate fraction: 0.0001 Normalization constant: 1.0000 +-0.0000 Passive singles bkgrnd: Passive doubles bkgrnd: 0.000 +-0.000 +-

Scaler1

(2)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                             Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                              0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                             Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                               Number passive cycles:
                                                                                                                                                                                                                                                                                           Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                          Passive error messages
                                                            20. 01. 09 09:27:09
019J2709. VER
                                                                                                                                                                                                                                                                           Known alpha analysis error
             Results
                                                            BC1 202001
XXXX
                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                             1301,669 +-
                                                                                                                                                                                                                                                                                                                                                                                                                  1.595
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                             6. 734 +-
0. 000 +-
2505. 897 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 709
0. 000
2. 149
0. 000
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                          Passive cycle raw data
                                                                                                                                                                                                                                                                                             Singles
77853
77941
78288
                                                                                                                                                                                                                                                                                                                             R+A
6871
7072
6986
                                                                                                                                                                                                                                                                                                                                                                             Scaler1
150401
149706
150100
                                                                                                                                                                                                                                                                                                                                                                                                      Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                                                                         A
6565
6412
6502
                        Isotopics id: Default
                                                           0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                   77788
78741
77870
78377
                                                                                                                                                                                                                                                                                                                              6852
7066
6928
6960
                                                                                                                                                                                                                                                                                                                                                         6559
6661
6429
6511
                                                                                                                                                                                                                                                                                                                                                                               150625
150176
150180
150610
                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                     0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                        6518
6572
6678
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                                                                                                                                                                                                                                                                8
9
10
                                                                                                                                                                                                                                                                                                                               6978
                                          Pu241:
                                                                                                                                                                                                                                                                                                   77923
                                                                                                                                                                                                                                                                                                                                                                                149959
                                          Pu242:
                                                                                                                                                                                                                                                                                                   77917
78140
                                                                                                                                                                                                                                                                                                                               6837
                                                                                                                                                                                                                                                                                                                                                                                151086
                                   Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                      20. 01. 09
                                                                                                                                                                                                                                                                                                                                                                                150695
                                                                                                                      0.0000 +-
20.01.09
                                                                                              0.0000
                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                          Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                      Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                   Singles
1297.820
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                                                                                     Doubles
5. 104
                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                          Cvcle
                                                               64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                   1299. 288
1305. 073
1296. 736
1312. 626
                                                                                                                                                                                                                                                                                                                                        11. 009
8. 073
4. 887
6. 756
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                          8. 324
7. 490
7. 673
4. 420
3. 603
                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                 6
                                                                                                                                                                                                                                                                                                   1298. 104
1306. 557
                                                                                                                                                                                                                                                                                                   1298. 987
1298. 887
1302. 606
                                                                      1.0000 +-
                                                                                                     0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                  (2)
```

	202001_AFAS-B Collar_	Position2.txt				20	2001_AFAS	S-B Collar_Po	osition2.txt
INCC 5.1.2 Facility:	JMOX			Passiv	ve triples bkø ve scaler1 bkø ve scaler2 bkø	grnd:	0.000 +- 0.000 0.000	0.000	
Material balance area: Detector type: Detector id: Electronics id:	XXXX AFAS JSR_01 JSR-12			Numbe	er passive cyc Count time (s		10 60		
Inventory change code: I/O code:	00.01.00.00.45.44				e error messag				
Measurement date: Results file name: Inspection number:	20. 01. 09 09:45:14 019J4514. VER			Rnown a	alpha analysis	serror			
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	BC2 202001 XXXX Pu 0.000 Verification Review disk file			Nocare		Sing Doub Trip Scale Scale	les: les: r 1:	3459. 730 + 52. 702 + 0. 000 + 616. 435 + 0. 000 +	1. 585 0. 000 0. 794
QC tests: Error calculation: Accidentals method:	On Sample method Measured			Passive	cycle raw da	ata			
Inspector name: Passive comment:				Cycle 1 2	Singles 207085 207731	R+A 49158 49400	A 46344 46184	Scaler1 36748 36963	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default 00	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 20.010.09 0.0000 +- 20.01.09	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	3 4 5 6 7 8 9 10 Passive	207797 207318 207766 207524 207617 207742 207132 206974	49621 48874 49088 49387 49119 49081 49684 48621	46256 45864 45986 45818 46001 46077 46046 45906	36987 37012 36742 37234 37008 36990 37132 37045	O Pass
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 1720 50. 0000 0. 1970 160. 0000 0. 6419 0. 1030 0. 0000 0. 00001 0. 00001			Cycle 1 2 3 4 5 6 7 8 9 10	Singles 3453, 330 3464, 109 3465, 210 3457, 218 3464, 692 3460, 655 3462, 206 3464, 292 3454, 114 3451, 478	Doub I 47. 0 53. 7 56. 2 50. 2 51. 8 59. 6 52. 0 60. 7 45. 3	04 119 108 178 115 116 182 78	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant:	1.0000 +- 0.0000)							
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 + 0.000 0.000 + 0.000								
	(1)							(2)	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                  Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                    0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                   Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                     Number passive cycles:
                                                                                                                                                                                                                                                                                Count time (sec)
                                                          JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                Passive error messages
                                                          20. 01. 09 10:01:18
019K0118. VER
                                                                                                                                                                                                                                                                 Known alpha analysis error
            Results
                                                          BC3 202001
                                                                                                                                                                                                                                                                                                                         Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                          XXXX
                                                                                                                                                                                                                                                                                                                                                            48225, 849 +-
                                                                                                                                                                                                                                                                                                                                                                                                   7.806
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                         Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                            10428. 265 +-
0. 000 +-
153. 307 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                35. 254
0. 000
0. 633
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          On
Sample method
Measured
                                                                                                                                                                                                                                                                Passive cycle raw data
                                                                                                                                                                                                                                                                                  Singles
2870112
2872774
2871430
                                                                                                                                                                                                                                                                                                           R+A
9397027
9409505
9397724
                                                                                                                                                                                                                                                                                                                                                               Scaler 1
9222
9040
9085
                                                                                                                                                                                                                                                                                                                                                                                       Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                 Cycle
                                                                                                                                                                                                                                                                                                                                    A
8784582
                                                                                                                                                                                                                                                                                                                                     8802213
8793928
                       Isotopics id: Default
                                                          0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                    8793928
8782179
8797545
8794632
8798143
8799734
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                  2868932
2872272
2872545
2872156
                                                                                                                                                                                                                                                                                                           9376689
9411634
9409188
9408826
                                                                                                                                                                                                                                                                                                                                                                     9318
9042
9111
9361
                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                     0
0
0
0
0
0
                                                                                         0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                               0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
                                                                                                                                                                                                                                                                      8
9
10
                                        Pu241:
                                                                                                                                                                                                                                                                                  2872503
                                                                                                                                                                                                                                                                                                           9405624
                                                                                                                                                                                                                                                                                                                                                                     9218
                                        Pu242:
                                                                                                                                                                                                                                                                                  2869099
2870637
                                                                                                                                                                                                                                                                                                           9382234
9393589
                                                                                                                                                                                                                                                                                                                                     8781197
8791636
                                                                                                                                                                                                                                                                                                                                                                     9291
                                   Pu242:
Pu date:
Am241:
Am date:
                                                          00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                 20. 01. 09
                                                                                                                                                                                                                                                                                                                                                                     9296
                                                                                                                 0.0000 +-
20.01.09
                                                                                          0.0000
                                                                                                                                                 0.0000
                                                                                                                                                                                                                                                                Passive cycle rate data
                Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                         Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                     Singles
48206.653
                                                                1.50
64.00
                                                                                                                                                                                                                                                                Cvcle
                                                                                                                                                                                                                                                                                                                      Doubles
10528, 182
                                                                                                                                                                                                                                                                                                                                                                                              Mass QC Tests
0.000 Pass
                                                            64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                     48251. 713
48228. 963
48186. 679
48243. 216
                                                                                                                                                                                                                                                                                                                      10439. 902
10379. 651
10219. 741
10556. 691
                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                     48247. 837
                                                                                                                                                                                                                                                                                                                      10564, 750
                                                                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                                     48241 252
                                                                                                                                                                                                                                                                                                                      10498 126
                                                                                                                                                                                                                                                                                     48247. 126
48189. 506
48215. 540
                                                                                                                                                                                                                                                                                                                      10498. 126
10415. 770
10331. 960
10347. 879
                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                   1.0000 +-
                                                                                                 0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                   0.000 +-
0.000 +-
                                                                                                   (1)
                                                                                                                                                                                                                                                                                                                                                                    (2)
```

	202001_AFAS-B Collar_Position4.txt		202001_AFA	S-B Collar_Position4.txt
INCC 5. 1. 2		Passive triples bl Passive scaler1 bl	kgrnd: 0.000	0.000
Facility: Material balance area: Detector type:	XXXX AFAS	Passive scaler2 bl	ycles: 10	
Detector id: Electronics id: Inventory change code: I/O code:	JSR_01 JSR-12	Count time Passive error messa		
Measurement date: Results file name: Inspection number:	20. 01. 09 10:18:22 019K1822. VER	Known alpha analys	is error	
Inspection humber. Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: OC tests:	BC4 202001 XXXX Pu 0.000 Verification Review disk file On	Results	Singles: Doubles: Triples: Scaler 1: Scaler 2:	6195. 523 +- 3. 555 172. 265 2. 941 0. 000 0. 000 52. 763 0. 186 0. 000 0. 000
Error calculation: Accidentals method: Inspector name:	on Sample method Measured	Passive cycle raw of Cycle Singles	data R+A A	Scaler1 Scaler2 QC Tests
Passive comment: Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am date:	Default 0D 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01.01 20.01.09 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000	1 372086 2 371378 3 371984 4 370881 5 371461 6 371873 7 371454 8 370223 9 370346 10 371934 Passive cycle rate	157927 146644 157148 147466 158646 147859 156854 146677 157424 147080 157498 148196 157206 146807 156524 145868 156370 146268 158070 147853	3141 0 Pass 3087 0 Pass 3165 0 Pass 3193 0 Pass 3179 0 Pass 3212 0 Pass 3200 0 Pass 3200 0 Pass 3165 0 Pass 3166 0 Pass 3160 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient Geadatime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.0000 0.0000	Cycle Singles 1 6207.614 2 6195.791 3 6205.911 4 6187.491 5 6197.177 6 6204.057 7 6197.060 8 6176.502 9 6178.556 10 6205.076	Doubles 188, 801 162, 010 180, 501 170, 292 173, 087 155, 652 174, 007 178, 306 169, 036 170, 963	Triples Mass QC Tests 0.000 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000			
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000			

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                         Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                 0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                               0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                          Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                                            Number passive cycles:
                                                                                                                                                                                                                                                                                                        Count time (sec)
                                                               JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                       Passive error messages
                                                               20. 01. 09 10:34:26
019K3426. VER
                                                                                                                                                                                                                                                                                       Known alpha analysis error
             Results
                                                               BC5 202001
                                                                                                                                                                                                                                                                                                                                                    Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                               XXXX
                                                                                                                                                                                                                                                                                                                                                                                             2567, 528 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                     1.984
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                 27. 931 +-
0. 000 +-
45. 973 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                     0. 980
0. 000
0. 245
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                       Passive cycle raw data
                                                                                                                                                                                                                                                                                                          Singles
153685
154193
154711
                                                                                                                                                                                                                                                                                                                                           R+A
26892
27043
27158
                                                                                                                                                                                                                                                                                                                                                                                              Scaler 1
2749
2737
2753
                                                                                                                                                                                                                                                                                                                                                                                                                        Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                       Cycle
                                                                                                                                                                                                                                                                                                                                                                       A
24966
                                                                                                                                                                                                                                                                                                                                                                       25375
25779
                         Isotopics id: Default
                                                              0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                      25779
25552
25263
25345
25391
25271
25158
25366
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                              154489
153781
153729
153937
                                                                                                                                                                                                                                                                                                                                           27090
26966
27040
27111
                                                                                                                                                                                                                                                                                                                                                                                                   2849
2765
2721
2762
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                                       0
0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                            0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                           26716
27123
27058
                                                                                                                                                                                                                                                                                                                                                                                                   2814
2754
2680
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
                                                                                                                                                                                                                                                                                             8
9
10
                                                                                                                                                                                                                                                                                                              153514
                                            Pu241:
                                                                                                                                                                                                                                                                                                              153822
154021
                                            Pu242:
                                     Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                           20. 01. 09
                                                                                                                           0. 0000 +-
20. 01. 09
                                                                                                  0.0000
                                                                                                                                                             0.0000
                                                                                                                                                                                                                                                                                       Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                       Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                Singles
2562.470
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                                                    Doubles
32. 153
27. 846
23. 021
25. 676
28. 430
28. 297
28. 714
24. 123
32. 804
28. 247
                                                                                                                                                                                                                                                                                       Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                               Mass QC Tests
0.000 Pass
                                                                  64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                               2562. 470
2570. 944
2579. 584
2575. 881
2564. 071
2563. 204
2566. 674
                                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                              6
7
                                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
                                                                                                                                                                                                                                                                                                                2559. 618
2564. 755
2568. 075
                                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                         1.0000 +-
                                                                                                         0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.000 +-
0.000 +-
                                                                                                            (1)
                                                                                                                                                                                                                                                                                                                                                                                                   (2)
```

	202001_AFAS-B Collar_Position6.txt	202001_AFAS-B Collar_Position6.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	AFAS JSR_01	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:	20.04.20.40.40.40.4	Passive error messages
Results file name: Inspection number:	20. 01. 09 10:49:31 019K4931. VER	Known alpha analysis error Results
Item id: Stratum id: Stratum id: Material type: Original declared mass: Measurement option: Data source: OC tests:	XXXX Pu 0.000 Verification Review disk file	Singles: 816.794 +- 0.915 Doubles: 2.700 +- 0.270 Triples: 0.000 +- 0.000 Scaler 1: 65.408 +- 0.213 Scaler 2: 0.000 +- 0.000
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 48876 2782 2579 3848 0 Pass 2 49072 2640 2569 3884 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3 49177 2805 2600 3960 0 Pass 4 48728 2743 2504 3922 0 Pass 5 49077 2713 2591 3932 0 Pass 6 49196 2850 2633 3904 0 Pass 7 48868 2722 2534 3953 0 Pass 8 48974 2727 2563 3991 0 Pass 9 48820 2692 2576 3914 0 Pass 10 49224 2748 2594 3937 0 Pass
Am date:		Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.0001	Cycle Singles Doubles Triples Mass OC Tests 1 814.707 3.385 0.000 0.000 Pass 2 817.974 1.184 0.000 0.000 Pass 3 819.724 2.418 0.000 0.000 Pass 4 812.239 3.985 0.000 0.000 Pass 5 818.057 2.034 0.000 0.000 Pass 6 820.041 3.619 0.000 0.000 Pass 7 814.573 3.135 0.000 0.000 Pass 8 816.340 2.735 0.000 0.000 Pass 9 813.773 1.934 0.000 0.000 Pass 10 820.508 2.568 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd: Passive doubles bkgrnd:	1.0000 ← 0.0000 0.000 ← 0.000 0.000 ← 0.000	

```
202001_AFAS-B Collar_Position7.txt
                                                                                                                                                                                                                                                                                                                                             202001_AFAS-B Collar_Position7.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                             0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                             Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                               Number passive cycles:
                                                                                                                                                                                                                                                                                           Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                          Passive error messages
                                                            20. 01. 09 11:05:35
019L0535. VER
                                                                                                                                                                                                                                                                           Known alpha analysis error
              Results
                                                            BC7 202001
XXXX
                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                             997.615 +-
                                                                                                                                                                                                                                                                                                                                                                                                                 1.035
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                              4. 625 +-
0. 000 +-
107. 667 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                 0. 455
0. 000
0. 326
0. 000
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                          Passive cycle raw data
                                                                                                                                                                                                                                                                                            Singles
59602
59853
60087
                                                                                                                                                                                                                                                                                                                            R+A
4112
4044
4205
                                                                                                                                                                                                                                                                                                                                                                            Scaler 1
6434
6387
6489
                                                                                                                                                                                                                                                                                                                                                                                                     Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                                                                         3836
3956
                        Isotopics id: Default
                                                           0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                  59632
59775
59746
59883
                                                                                                                                                                                                                                                                                                                                                        3928
3735
3838
3855
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                              4031
4175
4109
4121
4090
4159
4078
                                                                                                                                                                                                                                                                                                                                                                                  6364
6489
6583
6444
6502
6441
6467
                                                                                                                                                                                                                                                                                                                                                                                                                   0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                     0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                                                                                                                                                                                                                                                                8
9
10
                                                                                                                                                                                                                                                                                                  59724
                                                                                                                                                                                                                                                                                                                                                        3777
                                          Pu241:
                                          Pu242:
                                                                                                                                                                                                                                                                                                  60222
59949
                                                                                                                                                                                                                                                                                                                                                        3863
3758
                                    Pu242:
Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                     20. 01. 09
                                                                                             0.0000
                                                                                                                     0.0000 +-
20.01.09
                                                                                                                                                      0.0000
                                                                                                                                                                                                                                                                          Passive cycle rate data
                                                             1. 50
64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                      Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                    Doubles
5. 120
3. 469
4. 153
1. 718
7. 338
                                                                                                                                                                                                                                                                                                    Singles
993.525
                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                          Cvcle
                                                                                                                                                                                                                                                                                                  997. 710
1001. 611
994. 025
996. 409
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                  995. 926
998. 210
995. 559
1003. 862
999. 310
                                                                                                                                                                                                                                                                                                                                         4. 520
4. 436
5. 220
4. 937
5. 337
                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                 6
                                                                      1.0000 +-
                                                                                                    0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                  (2)
```

	202001_AFAS-B Colla	r_Position8.txt				202	001_AFAS	S-B Collar_Po	osition8. txt
INCC 5.1.2	JMOX			Passiv	e triples bk; e scaler1 bk; e scaler2 bk;	grnd: 0	. 000 +- . 000 . 000	0.000	
Material balance area: Detector type: Detector id:	XXXX AFAS			Numbe	r passive cy Count time (oles:	10 60		
Electronics id: Inventory change code: I/O code:	JSR-12			Passive	error messa	ges			
Measurement date: Results file name:	20. 01. 09 11:35:43 019L3543. VER				lpha analysi	s error			
Inspection number: Item id: Stratum id: Material type:	XXXX Pu			Results		Singl Doubl	es:	580. 886 - 1. 087 -	─ 0. 289
Original declared mass: Measurement option: Data source: QC tests:	Verification Review disk file					Tripl Scaler Scaler	1:	0. 000 - 42. 250 - 0. 000 -	— 0. 165
Error calculation: Accidentals method:					cycle raw d				
Inspector name: Passive comment:				Cycle 1 2	Singles 34868 34789	R+A 1397 1367	A 1291 1318	Scaler1 2551 2524	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date:	0D 0.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 00.01.01	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 20.01.09	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	3 4 5 6 7 8 9	34727 34576 34905 35004 35009 35059 34838 34724	1410 1321 1387 1317 1405 1325 1324 1349	1301 1356 1228 1308 1329 1241 1270 1308	2525 2497 2577 2554 2529 2558 2560 2475	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Am241: Am date:	0.0000 +- 0.0000 00.01.01	0.0000 +- 20.01.09	0.0000	Passive	cycle rate	data			
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient Coedatime: Coefficient Coedatime: Triples gate fraction: Normalization constant:	1.50 64.00 1720 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.0001 0.0001	00		Cycle 1 2 3 4 5 6 7 8 9 10	Singles 581, 188 579, 871 578, 837 576, 320 581, 804 583, 455 583, 538 584, 371 580, 687 578, 787	Double 1. 76 0. 81 1. 81 -0. 58 2. 65 0. 15 1. 26 1. 40 0. 90 0. 68	7 7 7 4 1 0 7 1	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.00 0.000 +- 0.00 0.000 +- 0.00	0							
I GOSIVE GOUDIES DEGLIG.	0.000 0.00	v							

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                    Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                         0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                     Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                                       Number passive cycles:
                                                                                                                                                                                                                                                                                                    Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                  Passive error messages
                                                              20. 01. 09 14:43:32
01904332. VER
                                                                                                                                                                                                                                                                                   Known alpha analysis error
              Results
                                                              BC9 202001
                                                                                                                                                                                                                                                                                                                                               Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                       1116,563 +-
                                                                                                                                                                                                                                                                                                                                                                                                                              0.915
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                            5. 621 +-
0. 000 +-
29. 452 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                              0. 456
0. 000
0. 192
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                  Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                      R+A
5056
5112
5143
                                                                                                                                                                                                                                                                                                                                                                                       Scaler1
1802
1811
1822
                                                                                                                                                                                                                                                                                                                                                                                                                 Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                   Cycle
                                                                                                                                                                                                                                                                                                                                                                  A
4776
4707
4791
                                                                                                                                                                                                                                                                                                            66862
66872
                         Isotopics id: Default
                                                             0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                           67044
67156
67226
67063
66847
    Isotopics source code:
Pu238:
Pu239:
Pu240:
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5211
5072
5079
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1771
1764
1720
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
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4752
4817
4744
4859
4724
4663
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0
0
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0.0000
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0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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1773
1726
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Pass
Pass
                                           Pu241:
                                                                                                                                                                                                                                                                                         8
                                                                                                                                                                                                                                                                                                                                        5053
                                           Pu242:
                                                                                                                                                                                                                                                                                                            66718
                                                                                                                                                                                                                                                                                                                                        5021
5124
                                     Pu242:
Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                                        10
                                                                                                                         20. 01. 09
                                                                                                                                                                                                                                                                                                            66850
                                                                                                                         0.0000 +-
20.01.09
                                                                                                0.0000
                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                  Passive cycle rate data
                                                               1. 50
64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                 Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                               Doubles
4. 670
6. 755
5. 871
5. 537
7. 655
                                                                                                                                                                                                                                                                                                            Singles
1119, 868
                                                                                                                                                                                                                                                                                  Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                         Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                            1114. 566
1114. 733
1117. 600
1119. 468
                                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                           1120. 635
1117. 917
1114. 316
1112. 165
1114. 366
                                                                                                                                                                                                                                                                                                                                                   4. 253
5. 587
3. 236
4. 954
7. 689
                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
0. 000
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0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                         6
7
                                                                        1.0000 +-
                                                                                                        0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                             (2)
```

	202001_AFAS-B Collar_Position10.txt	202001_AFAS-B Collar_Position10.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	AFAS JSR_01	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:	20. 01. 09 14:59:36 01905936. VER	Known alpha analysis error Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file	Singles: 1092.075 ← 0.935 Doubles: 5.460 ← 0.607 Triples: 0.000 ← 0.000 Scaler 1: 32.927 ← 0.216 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method: Inspector name: Passive comment:		Passive cycle raw data Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 65695 5004 4591 1926 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241:	00 0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000	2 65820 4846 4738 2014 0 Pass 6546 4888 4532 2033 0 Pass 4 65407 4871 4537 1944 0 Pass 5 65387 4894 4500 1971 0 Pass 6 6 65304 4852 4612 2031 0 Pass 7 65302 4987 4567 1999 0 Pass 8 65429 4929 4425 1939 0 Pass 9 65552 4890 4639 1932 0 Pass 10 65688 4904 4650 1967 0 Pass
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient G deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 1095, 109 6, 888 0,000 0,000 Pass 2 1097, 193 1, 801 0,000 0,000 Pass 3 1092, 625 5, 937 0,000 0,000 Pass 4 1090, 307 5, 571 0,000 0,000 Pass 5 1089, 974 6, 571 0,000 0,000 Pass 6 1088, 590 4, 003 0,000 0,000 Pass 7 1088, 557 7, 005 0,000 0,000 Pass 8 1090, 674 8, 406 0,000 0,000 Pass 9 1092, 725 4, 186 0,000 0,000 Pass 10 1094, 992 4, 236 0,000 0,000 Pass
Normalization constant: Passive singles bkgrnd: Passive doubles bkgrnd:	1. 0000 ← 0. 0000 0. 000 ← 0. 000 0. 000 ← 0. 000	

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INCC 5. 1. 2
                                                                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                              0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                          0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                          Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                            Number passive cycles:
                                                                                                                                                                                                                                                                                        Count time (sec)
                                                           JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                        Passive error messages
                                                           20. 01. 09 09:27:09
019J2709. VER
                                                                                                                                                                                                                                                                        Known alpha analysis error
             Results
                                                           BT1 202001
                                                                                                                                                                                                                                                                                                                                  Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                         1301.397 +-
                                                           XXXX
                                                                                                                                                                                                                                                                                                                                                                                                              1.594
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                         6. 728 +-
0. 000 +-
2505. 897 +-
0. 000 +-
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0. 000
2. 149
0. 000
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                        Passive cycle raw data
                                                                                                                                                                                                                                                                                          Singles
77853
77941
78288
                                                                                                                                                                                                                                                                                                                          R+A
6871
7072
6986
                                                                                                                                                                                                                                                                                                                                                                         Scaler1
150401
149706
150100
                                                                                                                                                                                                                                                                                                                                                                                                  Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                        Cycle
                                                                                                                                                                                                                                                                                                                                                     A
6565
6412
6502
                        Isotopics id: Default
                                                           0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
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78741
77870
78377
                                                                                                                                                                                                                                                                                                                           6852
7066
6928
6960
                                                                                                                                                                                                                                                                                                                                                     6559
6661
6429
6511
                                                                                                                                                                                                                                                                                                                                                                           150625
150176
150180
150610
                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
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0
0
0
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0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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6572
6678
                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
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9
10
                                                                                                                                                                                                                                                                                                                            6978
                                         Pu241:
                                                                                                                                                                                                                                                                                                77923
                                                                                                                                                                                                                                                                                                                                                                            149959
                                         Pu242:
                                                                                                                                                                                                                                                                                                77917
78140
                                                                                                                                                                                                                                                                                                                            6837
                                                                                                                                                                                                                                                                                                                                                                            151086
                                   Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                    20. 01. 09
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                                                                                                                    0. 0000 +-
20. 01. 09
                                                                                             0.0000
                                                                                                                                                     0.0000
                                                                                                                                                                                                                                                                        Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                   Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                Singles
1297. 550
                                                                  1.50
64.00
                                                                                                                                                                                                                                                                                                                                 Doubles
5. 100
                                                                                                                                                                                                                                                                                                                                                                                                        Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                        Cvcle
                                                              64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                1299. 017
1304. 800
1296. 467
1312. 350
                                                                                                                                                                                                                                                                                                                                     11. 000
8. 067
4. 883
6. 750
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0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                              6
7
                                                                                                                                                                                                                                                                                                1297, 833
                                                                                                                                                                                                                                                                                                                                       8. 317
7. 483
                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
                                                                                                                                                                                                                                                                                                1306. 283
1298. 717
1298. 617
1302. 333
                                                                                                                                                                                                                                                                                                                                       7. 667
4. 417
3. 600
                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                     1.0000 +-
 Normalization constant:
                                                                                                    0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     0.000 +-
0.000 +-
                                                                                                      (1)
                                                                                                                                                                                                                                                                                                                                                                              (2)
```

	202001_AFAS-B Top Fork_Position2.txt	202001_AFAS-B Top Fork_Position2.txt
INCC 5.1.2	J МОХ	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	XXXX AFAS JSR 01	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name:	20.01.09 09:45:14 019J4514. VER	Known alpha analysis error
Inspection number: Item id:		Results
Stratum id: Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file	Singles: 3457.810 ← 1.660 Doubles: 52.585 ← 1.582 Triples: 0.000 ← 0.000 Scaler 1: 616.435 ← 0.794 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	measureu	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 207085 49158 46344 36748 0 Pass 2 207731 49400 46184 36963 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default 0D 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 + 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 0.0000 0.0000 ← 0.0000 0.0000 0.0000 0.0000 ← 0.0000 0.0000 0.0000 0.0000 ← 0.0000 0.0000 0.0000 0.0000 ← 0.0000 0.0000 0.0000	3 207797 49621 46256 36987 0 Pass 4 207318 48874 45864 37012 0 Pass 5 207766 49088 45996 36742 0 Pass 6 207524 49387 45818 37234 0 Pass 7 207617 49119 46001 37008 0 Pass 8 207742 49081 46077 36990 0 Pass 9 207132 49684 46046 37132 0 Pass 10 206974 48621 45906 37045 0 Pass
Am date.	00. 01. 01 20. 01. 09 1. 50	Passive cycle rate data Cycle Singles Doubles Triples Mass QC Tests
Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	64.00 64.00 1720 50.0000 0.0080 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	1 3451.417 46.900 0.000 0.000 Pass 2 3462.183 53.600 0.000 0.000 Pass 3 3463.283 56.083 0.000 0.000 Pass 4 3455.300 50.167 0.000 0.000 Pass 5 3462.767 51.700 0.000 0.000 Pass 6 3458.733 59.483 0.000 0.000 Pass 7 3460.283 51.967 0.000 0.000 Pass 8 3462.267 50.067 0.000 0.000 Pass 9 3452.200 60.633 0.000 0.000 Pass 10 3449.567 45.250 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000	
	(1)	(2)

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INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                    0.000 +-
0.000
                                                                                                                                                                                                                                                                   Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                   Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                     0.000
                                                                                                                                                                                                                                                                     Number passive cycles:
                                                                                                                                                                                                                                                                                 Count time (sec)
                                                          JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                Passive error messages
                                                          20. 01. 09 10:01:18
019K0118. VER
                                                                                                                                                                                                                                                                 Known alpha analysis error
                                                                                                                                                                                                                                                                 Results
             Inspection number
                                                          BT3 202001
                         Item id:
Stratum id:
                                                                                                                                                                                                                                                                                                                         Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                            47854, 100 +-
                                                          XXXX
                                                                                                                                                                                                                                                                                                                                                                                                   7.686
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                         Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                            10110. 418 +-
0. 000 +-
153. 307 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                34. 146
0. 000
0. 633
0. 000
          Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          Sample method
Measured
                                                                                                                                                                                                                                                                Passive cycle raw data
                                                                                                                                                                                                                                                                                  Singles
2870112
2872774
2871430
                                                                                                                                                                                                                                                                                                            R+A
9397027
9409505
9397724
                                                                                                                                                                                                                                                                                                                                                               Scaler 1
9222
9040
9085
                                                                                                                                                                                                                                                                                                                                                                                       Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                 Cycle
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                                                                                                                                                                                                                                                                                                                                     8802213
8793928
                       Isotopics id: Default
                                                         0D

0.0000 +-

0.0000 +-

100.0000 +-

0.0000 +-

0.0000 +-
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8782179
8797545
8794632
8798143
8799734
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                   2868932
2872272
2872545
2872156
                                                                                                                                                                                                                                                                                                            9376689
9411634
9409188
9408826
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9042
9111
9361
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Pass
Pass
Pass
Pass
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Pass
Pass
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9
10
                                        Pu241:
                                                                                                                                                                                                                                                                                   2872503
                                                                                                                                                                                                                                                                                                            9405624
                                                                                                                                                                                                                                                                                                                                                                      9218
                                        Pu242:
                                                                                                                                                                                                                                                                                   2869099
2870637
                                                                                                                                                                                                                                                                                                            9382234
9393589
                                                                                                                                                                                                                                                                                                                                     8781197
8791636
                                                                                                                                                                                                                                                                                                                                                                      9291
                                  Pu date:
Am241:
Am date:
                                                          00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                 20. 01. 09
                                                                                                                                                                                                                                                                                                                                                                     9296
                                                                                                                 0.0000 +-
20.01.09
                                                                                          0.0000
                                                                                                                                                 0.0000
                                                                                                                                                                                                                                                                Passive cycle rate data
                Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                         Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                     Singles
47835, 200
                                                                1.50
64.00
                                                                                                                                                                                                                                                                Cvcle
                                                                                                                                                                                                                                                                                                                      Doubles
10207, 417
                                                                                                                                                                                                                                                                                                                                                                                              Mass QC Tests
0.000 Pass
                                                            64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                     47857. 167
47857. 167
47815. 533
47871. 200
                                                                                                                                                                                                                                                                                                                      10121, 533
10063, 267
9908, 500
10234, 817
                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                     47875. 750
47869. 267
                                                                                                                                                                                                                                                                                                                      10242, 600
                                                                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                                                                      10178 050
                                                                                                                                                                                                                                                                                     47875. 050
47818. 317
47843. 950
                                                                                                                                                                                                                                                                                                                      10098. 167
10017. 283
10032. 550
                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                   1.0000 +-
 Normalization constant:
                                                                                                 0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                   0.000 +-
0.000 +-
                                                                                                   (1)
                                                                                                                                                                                                                                                                                                                                                                    (2)
```

	202001_AFAS-B Top Fork_F	Position4.txt				2	02001_AFAS	-B Top Fork_F	Position4.txt
INCC 5.1.2	JMOX			Passiv	e triples bk e scaler1 bk e scaler2 bk	grnd:	0.000 +- 0.000 0.000	0.000	
Material balance area: Detector type: Detector id:	XXXX AFAS			Numbe	r passive cy Count time (cles:	10 60		
Electronics id: Inventory change code: I/O code:					error messa		00		
Measurement date: Results file name:	20. 01. 09 10:18:22 019K1822. VER				lpha analysi	s error			
Inspection number: Item id: Stratum id:	BT4 202001 XXXX			Results	i		ngles:	6189. 367 +	
Material type: Original declared mass: Measurement option:	Pu 0.000 Verification					Tr Sca	ubles: iples: ler 1:	171. 582 ± 0. 000 ± 52. 763 ± 0. 000 ±	⊢ 0.000 ⊢ 0.186
Data source: QC tests: Error calculation: Accidentals method:	Review disk file On Sample method Measured			Passive	cycle raw d		ler 2:	0.000 4	- 0.000
Inspector name: Passive comment:	measured			Cycle 1 2	Singles 372086 371378	R+A 157927 157148	A 146644 147466	Scaler1 3141 3087	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date:	0D 0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 20.01.09	0.0000 0.0000 0.0000 0.0000 0.0000	3 4 5 6 7 8 9	371984 370881 371461 371873 371454 370223 370346 371934	158646 156854 157424 157498 157206 156524 156370 158070	147859 146677 147080 148196 146807 145868 146268 147853	3165 3193 3179 3212 3200 3165 3156 3160	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Am241: Am date:	0.0000 +- 0.0000 00.01.01	0.0000 +- 20.01.09	0.0000	Passive	cycle rate	data			
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Gedadtime: Coefficient Gedadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.0080 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001			Cycle 1 2 3 4 5 6 7 8 9 10	Singles 6201. 433 6189. 633 6189. 733 6181. 350 6191. 017 6197. 883 6190. 900 6170. 383 6172. 433 6198. 900	188. 161. 179. 169. 172. 155. 173. 177.	783 617 400 033 317 600	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant:	1.0000 +- 0.0000								
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 + 0.000 0.000 + 0.000								
	(1)							(2)	

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                                0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                          Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                             Number passive cycles:
                                                                                                                                                                                                                                                                                                         Count time (sec)
                                                               JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                        Passive error messages
                                                               20. 01. 09 10:34:26
019K3426. VER
                                                                                                                                                                                                                                                                                        Known alpha analysis error
              Results
                                                               BT5 202001
                                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                              2566, 470 +-
                                                               XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                      1.982
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                  27. 885 +-
0. 000 +-
45. 973 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                      0. 978
0. 000
0. 245
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                        Passive cycle raw data
                                                                                                                                                                                                                                                                                                           Singles
153685
154193
154711
                                                                                                                                                                                                                                                                                                                                            R+A
26892
27043
27158
                                                                                                                                                                                                                                                                                                                                                                                               Scaler 1
2749
2737
2753
                                                                                                                                                                                                                                                                                                                                                                                                                         Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                        Cycle
                                                                                                                                                                                                                                                                                                                                                                        A
24966
                                                                                                                                                                                                                                                                                                                                                                        25375
25779
                         Isotopics id: Default
                                                              0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                       25779
25552
25263
25345
25391
25271
25158
25366
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                              154489
153781
153729
153937
                                                                                                                                                                                                                                                                                                                                            27090
26966
27040
27111
                                                                                                                                                                                                                                                                                                                                                                                                     2849
2765
2721
2762
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                                        0
0
0
0
0
0
                                                                                                  0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                            0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                            26716
27123
27058
                                                                                                                                                                                                                                                                                                                                                                                                     2814
2754
2680
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
                                                                                                                                                                                                                                                                                             8
9
10
                                                                                                                                                                                                                                                                                                              153514
                                            Pu241:
                                                                                                                                                                                                                                                                                                              153822
154021
                                            Pu242:
                                     Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                           20. 01. 09
                                                                                                                           0. 0000 +-
20. 01. 09
                                                                                                  0.0000
                                                                                                                                                              0.0000
                                                                                                                                                                                                                                                                                        Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                        Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                 Singles
2561.417
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                                                     Doubles
32, 100
27, 800
22, 983
25, 633
28, 383
28, 250
28, 667
24, 083
32, 750
28, 200
                                                                                                                                                                                                                                                                                        Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                                 Mass QC Tests
0.000 Pass
                                                                  64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                 2569. 883
2578. 517
2574. 817
2563. 017
                                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                2563. 017
2562. 150
2565. 617
2558. 567
2563. 700
2567. 017
                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                               6
7
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                         1.0000 +-
                                                                                                          0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.000 +-
0.000 +-
                                                                                                            (1)
                                                                                                                                                                                                                                                                                                                                                                                                     (2)
```

	202001_AFAS-B Top Fork	_Position6.tx1				2020	01_AFAS-	B Top Fork_P	osition6.txt
INCC 5.1.2 Facility:	JMOX			Passiv	ve triples bkg ve scaler1 bkg ve scaler2 bkg	rnd: 0	0. 000 +- 0. 000 0. 000	0.000	
Material balance area: Detector type: Detector id: Electronics id:	XXXX AFAS JSR_01 JSR-12			Numbe	er passive cyc Count time (s		10 60		
Inventory change code: I/O code:	OSK 12			Passive	e error messag	ges			
Measurement date: Results file name:	20. 01. 09 10:49:31 019K4931. VER			Known a	alpha analysis	error			
Inspection number: Item id:	BT6 202001			Results	3				
Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification Review disk file					Singl Doubl Tripl Scaler Scaler	es: es: 1:	816. 687 + 2. 698 + 0. 000 + 65. 408 + 0. 000 +	- 0. 270 - 0. 000 - 0. 213
QC tests: Error calculation: Accidentals method:	On Sample method Measured			Passive	e cycle raw da	ita			
Inspector name: Passive comment:	measured			Cycle 1 2	Singles 48876 49072	R+A 2782 2640	A 2579 2569	Scaler1 3848 3884	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default 0D 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 00.01.01 0.0000 ← 0.0000 00.01.01	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 20.01.09 0.0000 +- 20.01.09	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	3 4 5 6 7 8 9	49177 48728 49077 49196 48868 48974 48820 49224	2805 2743 2713 2850 2722 2727 2692 2748	2660 2504 2591 2633 2534 2563 2576 2594	3960 3922 3932 3904 3953 3991 3914 3937	O Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 55.0000 0.0080 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001			Cycle 1 2 3 4 5 6 6 7 8 9 10	Singles 814, 600 817, 867 819, 617 812, 133 817, 950 819, 933 814, 467 816, 233 813, 667 820, 400	Doub le 3. 38 1. 18 2. 41 3. 98 2. 03 3. 61 3. 13 2. 73 1. 93 2. 56	33 33 7 33 33 7 33 33 33	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant:	1.0000 +- 0.0000								
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000								
	(1)							(2)	

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                      Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                            0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                                         Number passive cycles:
                                                                                                                                                                                                                                                                                                      Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                    Passive error messages
                                                              20. 01. 09 11:05:35
019L0535. VER
                                                                                                                                                                                                                                                                                     Known alpha analysis error
              Results
                                                              BT7 202001
                                                                                                                                                                                                                                                                                                                                                 Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                            997. 455 +--
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                 1.034
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                            4. 622 +-
0. 000 +-
107. 667 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 455
0. 000
0. 326
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                    Passive cycle raw data
                                                                                                                                                                                                                                                                                                       Singles
59602
59853
60087
                                                                                                                                                                                                                                                                                                                                         R+A
4112
4044
4205
                                                                                                                                                                                                                                                                                                                                                                                          Scaler 1
6434
6387
6489
                                                                                                                                                                                                                                                                                                                                                                                                                    Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                                                       3836
3956
                         Isotopics id: Default
                                                             0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                              59632
59775
59746
59883
                                                                                                                                                                                                                                                                                                                                                                     3928
3735
3838
3855
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                          4031
4175
4109
4121
4090
4159
4078
                                                                                                                                                                                                                                                                                                                                                                                                 6364
6489
6583
6444
6502
6441
6467
                                                                                                                                                                                                                                                                                                                                                                                                                                   0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                                                                                                                                                                                                                                                                          8
9
10
                                                                                                                                                                                                                                                                                                              59724
                                                                                                                                                                                                                                                                                                                                                                      3777
                                           Pu241:
                                           Pu242:
                                                                                                                                                                                                                                                                                                              60222
59949
                                                                                                                                                                                                                                                                                                                                                                      3863
3758
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                          20. 01. 09
                                                                                                                          0. 0000 +-
20. 01. 09
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                    Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                    Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                 Doubles
5. 117
3. 467
4. 150
1. 717
7. 333
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                               Singles
993.367
                                                                                                                                                                                                                                                                                                                                                                                                                           Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                    Cvcle
                                                                 64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                              997. 550
1001. 450
993. 867
996. 250
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                             996. 250
995. 767
998. 050
995. 400
1003. 700
999. 150
                                                                                                                                                                                                                                                                                                                                                       4. 517
4. 433
5. 217
4. 933
5. 333
                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                            6
                                                                        1.0000 +-
                                                                                                        0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                (2)
```

	202001_AFAS-B	Top Fork	_Position8.tx1					202	2001_AFAS	-B Top Fork_	Position8.tx1	
INCC 5.1.2 Facility:	JMOX					Passiv	e triples bk e scaler1 bk e scaler2 bk	grnd:	0. 000 +- 0. 000 0. 000	0.000		
Material balance area: Detector type: Detector id: Electronics id:	XXXX AFAS JSR_01 JSR-12					Numbe	r passive cy Count time (10 60			
Inventory change code: I/O code:							error messa	-				
Measurement date: Results file name: Inspection number:	20. 01. 09 11:35 019L3543. VER	i:43				Known a	Ipha analysi	s error				
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	BT8 202001 XXXX Pu 0.000 Verification Review disk fil On	e						Sing Doub Trip Scale Scale	oles: er 1:	580. 832 1. 087 0. 000 42. 250 0. 000	← 0. 289 ← 0. 000 ← 0. 165	
Error calculation: Accidentals method:	Sample method Measured						cycle raw d			0	010 0	T
Inspector name: Passive comment:						Cycle 1 2	Singles 34868 34789	R+A 1397 1367	A 1291 1318	Scaler1 2551 2524	0 Pa	Tests ss ss
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	0.0000 +- 0 100.0000 +- 0 0.0000 +- 0 0.0000 +- 0 00.01.01	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 20.01.09 0.0000 +-	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000		3 4 5 6 7 8 9	34727 34576 34905 35004 35009 35059 34838 34724	1410 1321 1387 1317 1405 1325 1324 1349	1301 1356 1228 1308 1329 1241 1270 1308	2525 2497 2577 2554 2529 2558 2560 2475	0 Pa 0 Pa 0 Pa 0 Pa 0 Pa 0 Pa	SS SS SS SS SS SS
Am date:	00.01.01	. 0000	20. 01. 09	0.0000		Passive	cycle rate	data				
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0080 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001 0. 0001					Cycle 1 2 3 4 5 6 7 8 9 10	Singles 581, 133 579, 817 578, 783 576, 267 581, 750 583, 400 583, 483 584, 317 580, 633 578, 733	Doub 1. 7 0. 8 1. 8 -0. 5 2. 6 0. 1 1. 2 1. 4 0. 9 0. 6	767 817 817 583 650 150 267 400	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0. 000 F 0. 000 F	C Tests ass ass ass ass ass ass ass ass ass
Normalization constant: Passive singles bkgrnd:	1.0000 +- 0.000 +-	0.0000										
Passive doubles bkgrnd:	0.000 +-	0.000										

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                   Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                        0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                    Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                                      Number passive cycles:
                                                                                                                                                                                                                                                                                                   Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                 Passive error messages
                                                             20. 01. 09 14:43:32
01904332. VER
                                                                                                                                                                                                                                                                                  Known alpha analysis error
              Results
                                                             BT9 202001
                                                                                                                                                                                                                                                                                                                                              Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                      1116, 363 +-
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                            0.915
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                          5. 617 +-
0. 000 +-
29. 452 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 455
0. 000
0. 192
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                                 Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                     R+A
5056
5112
5143
                                                                                                                                                                                                                                                                                                                                                                                      Scaler1
1802
1811
1822
                                                                                                                                                                                                                                                                                                                                                                                                                Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                  Cycle
                                                                                                                                                                                                                                                                                                                                                                 A
4776
4707
4791
                                                                                                                                                                                                                                                                                                          66862
66872
                         Isotopics id: Default
                                                             0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                          67044
67156
67226
67063
66847
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                       5089
5211
5072
5079
                                                                                                                                                                                                                                                                                                                                                                                             1757
1771
1764
1720
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                 4757
4752
4817
4744
4859
4724
4663
                                                                                                                                                                                                                                                                                                                                                                                                                              0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                         0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                             1725
1773
1726
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
                                           Pu241:
                                                                                                                                                                                                                                                                                        8
                                                                                                                                                                                                                                                                                                                                       5053
                                           Pu242:
                                                                                                                                                                                                                                                                                                          66718
                                                                                                                                                                                                                                                                                                                                       5021
5124
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                                       10
                                                                                                                         20. 01. 09
                                                                                                                                                                                                                                                                                                          66850
                                                                                                                         0.0000 +-
20.01.09
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                 Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                              Doubles
4. 667
6. 750
5. 867
5. 533
7. 650
                                                                                                                                                                                                                                                                                                          Singles
1119.667
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                                      Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                 Cvcle
                                                                64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                          1114. 367
1114. 533
1117. 400
1119. 267
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                          1119. 207
1120. 433
1117. 717
1114. 117
1111. 967
1114. 167
                                                                                                                                                                                                                                                                                                                                                  4. 250
5. 583
3. 233
4. 950
7. 683
                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                        6
7
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                        1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                            (2)
```

	202001_AFAS-B Top Fork	_Position10.tx	t			2020	01_AFAS-	B Top Fork_Po	osition10.txt
INCC 5.1.2 Facility:	JMOX			Passiv	ve triples bkg ve scaler1 bkg ve scaler2 bkg	grnd: C	0. 000 +- 0. 000 0. 000	0.000	
Material balance area: Detector type: Detector id: Electronics id:	XXXX AFAS JSR_01 JSR-12			Numbe	er passive cyc Count time (s		10 60		
Inventory change code: I/O code:	30K 12			Passive	e error messag	ges			
Measurement date: Results file name:	20. 01. 09 14:59:36 01905936. VER				alpha analysis	error			
Inspection number: Item id: Stratum id:	BT10 202001 XXXX			Results	5	Singl	es:	1091.883 +	- 0. 935
Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file					Doubl Tripl Scaler Scaler	es: 1:	5. 457 + 0. 000 + 32. 927 + 0. 000 +	- 0. 000 - 0. 216
QC tests: Error calculation: Accidentals method:	On Sample method Measured			Passive	e cycle raw da		2.	0.000	
Inspector name: Passive comment:				Cycle 1 2	Singles 65695 65820	R+A 5004 4846	A 4591 4738	Scaler1 1926 2014	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default OD 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01.01 0.0000 ← 0.0000 0.01.01 0.0000 ← 0.0000	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 20.01.09 0.0000 +- 20.01.09	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	3 4 5 6 7 8 9 10	65546 65407 65387 65304 65302 65429 65552 65688	4888 4871 4894 4852 4987 4929 4890 4904	4532 4537 4500 4612 4567 4425 4639 4650	2033 1944 1971 2031 1999 1939 1932 1967	O Pass
Am date.	1. 50	20. 01. 09		Cycle	Singles	Double	s	Triples	Mass QC Tests
Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Doubles gate fraction: Triples gate fraction:	64. 00 64. 00 1720 50. 0000 0. 0080 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000			1 2 3 4 5 6 7 8 9	1094. 917 1097. 000 1092. 433 1090. 117 1089. 783 1088. 400 1088. 367 1090. 483 1092. 533 1094. 800	6. 88 1. 80 5. 93 5. 56 6. 56 4. 00 7. 00 8. 40 4. 18 4. 23	00 33 57 57 50 00 00 00	0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000	0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass
Normalization constant:	1.0000 +- 0.0000)							
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 + 0.000 0.000 + 0.000								
	(1)							(2)	

0.000 +-

```
INCC 5. 1. 2
                                                                                                                                                                                                                                  Passive triples bkgrnd:
Passive scaler1 bkgrnd:
    Facility:
Material balance area:
Detector type:
Detector id:
                 Electronics id:
                                                   JSR-12
   Inventory change code:

1/0 code:

Measurement date:
Results file name:
                                                  20. 01. 09 09:27:08
019J2708. VER
            Inspection number
                              Item id:
                                                   PB1 202001
                      Stratum id:
                                                   XXXX
                                                  Pu
0.000
Verification
Review disk file
 Material type:
Original declared mass:
Measurement option:
Data source:
                            QC tests:
                                                   0n
                                                  Sample method
Measured
           Frror calculation
         Accidentals method:
Inspector name:
Passive comment:
                     Isotopics id:
                                                  Default
   Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                  0D

0.0000 +-

0.0000 +-

100.0000 +-
                                                                                                  0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                              0.0000
0.0000
0.0000
                                                                                                                              0.0000
0.0000
0.0000
                                   Pu241:
                                                       0.0000 +-
0.0000 +-
                                                                               0.0000
                                                                                                                              0.0000
0.0000
                                   Pu242:
                                                                              0.0000
                              Pu date:
Am241:
Am date:
                                                  00.01.01
                                                                                                  20. 01. 09
                                                  0. 0000
                                                                                                  0.0000 +-
20.01.09
                                                                              0.0000
                                                                                                                               0.0000
                            Predelay:
                                                            1.50
               Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                         64.00
                                                      64. 00
1720
50. 0000
0. 0127
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                          0.0000
                                                           0.0000
                                                          0. 0000
0. 0000
0. 0001
0. 0001
 Normalization constant:
                                                           1.0000 +-
                                                                                     0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                           0.000 +-
0.000 +-
                                                                                      (1)
```

(1)

```
Passive scaler2 bkgrnd
                                                   0.000
    Number passive cycles:
            Count time (sec)
Passive error messages
No passive calibration curve calibration
No known alpha calibration
Results
                                                                       1042. 900 +-
3. 762 +-
0. 000 +-
50. 145 +-
                                            Singles:
Doubles:
Triples:
                                                                                                 1. 337
0. 568
0. 000
                                           Scaler 1
                                                                                                  0.324
                                           Scaler 2:
                                                                           0.000 +-
                                                                                                 0.000
Passive cycle raw data
Cycle
             Singles
                                                                       Scaler1
                                                                                         Scaler2 QC Tests
                                                        A
4213
4244
                 62622
62710
                                     4419
4404
                                                                           3059
3040
                                                                                                   0
                                                                                                        Pass
Pass
                                                        4269
4078
4178
4151
                                                                                                        Pass
Pass
Pass
Pass
                 62784
                                     4354
                                                                           3043
                                                                           2955
3085
3042
                 62422
62863
                                      4349
                                                         4137
                 62313
                                                                           2881
                                                                                                   0
0
0
0
                                                                                                        Pass
                                                                                                        Pass
Pass
Pass
                 62603
                                      4403
                                                         4367
                                                                           2987
                 62417
                                      4551
                                                         4185
                                                                            3033
    10
                                      4585
                                                         4267
Passive cycle rate data
                                                                                                Mass QC Tests
Cycle
                  Singles
                                          Doubles |
                                                                   Triples
                 1043. 700
1045. 167
1046. 400
1035. 217
                                              3. 433
2. 667
1. 417
4. 567
                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                                                         Pass
Pass
Pass
Pass
                 1040, 367
                                              4. 433
5. 567
                                                                      0.000
                                                                                              0.000
                                                                                                          Pass
     5
6
7
                  1047 717
                                                                      0.000
                                                                                              0.000
                                                                                                          Pass
                 1047. 717
1038. 550
1043. 383
1040. 283
1048. 217
                                              3. 533
0. 600
6. 100
                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                                                         Pass
Pass
Pass
                                              5.300
                                                                           (2)
```

202001_AFAS-P Bottom Fork_Position2.txt 202001_AFAS-P Bottom Fork_Position2.txt INCC 5. 1. 2 Passive triples bkgrnd: 0.000 +-0.000 0. 000 0. 000 Facility: Material balance area: Detector type: JMOX JM2G AFAS Number passive cycles Detector id: JSR 03 Count time (sec) 60 Detector id:
Electronics id:
Inventory change code:
I/O code:
Measurement date:
Results file name: JSR-12 Passive error messages 20. 01. 09 09:45:13 019J4513. VER No passive calibration curve calibration No known alpha calibration Inspection number:
Inspection number:
Item id:
Stratum id:
Material type:
Original declared mass: PB2 202001 Results XXXX Pu 0. 000 1277. 890 +-6. 950 +-0. 000 +-Singles: Doubles: 1. 349 0. 665 Measurement option:
Data source:
QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment: Verification Review disk file 0.000 0.150 Triples 43.497 +-On Sample method Measured Scaler 2 0.000 +-0.000 Passive cycle raw data Passive comment Singles Cvcle Scaler1 Scaler2 QC Tests 76644 6694 6227 2635 Pass 2640 2590 2560 2652 Pass Pass Pass Pass Pass Isotopics id: Isotopics source code: Pu238: Default OD 0.0000 +-0.0000 +-6570 6748 6615 6563 6229 6122 6308 6268 76278 76655 0.0000 0.0000 0.0000 +-0.0000 +-100.0000 +-0.0000 0.0000 76410 77111 Pu239 Pu240: 100.0000 +-0.0000 0.0000 0.0000 76931 6808 6404 6182 2606 0 Pass Pass 0.0000 +-0.0000 +-0.0000 +-20.01.09 0.0000 +-20.01.09 Pu241 0.0000 0.0000 76753 6611 2578 Pass Pass Pass Pu242 0.0000 0.0000 76902 6777 6270 2615 Pu date: Am241: 00. 01. 01 0. 0000 00. 01. 01 76561 76489 0.0000 10 Am date: Passive cycle rate data Predelay: 1.50 Gate length: 2nd gate length: High voltage: 64. 00 64. 00 1720 50. 0000 Singles 1277, 400 1271, 300 1277, 583 Doubles 7, 783 5, 683 10, 433 Triples 0.000 0.000 0.000 QC Tests Pass Pass Cycle Mass 0. 000 0. 000 0. 000 Die away time Pass 5. 117 4. 917 6. 733 7. 150 8. 450 Efficiency 0. 0127 0. 0000 1273.500 0.000 0.000 0.000 Pass Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Pass Pass Pass 1285. 183 0.000 0. 0000 0. 0000 0. 0000 0. 0001 1282. 183 1279. 217 1281. 700 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 Pass 1276, 017 9.383 Pass Triples gate fraction: 0.0001 10 1274, 817 3, 850 0.000 0.000 Normalization constant: 1.0000 +-0.0000 Passive singles bkgrnd: Passive doubles bkgrnd: 0.000 +-0.000 +-0.000 0.000

202001_AFAS-P Bottom Fork_Position3.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                 0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                             0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                 Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                   Number passive cycles:
                                                                                                                                                                                                                                                                              Count time (sec):
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                              Passive error messages
                                                         20. 01. 09 10:01:17
019K0117. VER
                                                                                                                                                                                                                                                              No passive calibration curve calibration
No known alpha calibration
             Inspection number:
Item id:
Stratum id:
                                                         PB3 202001
                                                                                                                                                                                                                                                              Results
                                                         XXXX
Material type:
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                        Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                             693. 860 +-
1. 648 +-
0. 000 +-
56. 128 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                         Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                                                                                                                                                0. 970
0. 288
0. 000
                                                                                                                                                                                                                                                                                                                        Scaler 1:
                                                                                                                                                                                                                                                                                                                                                                                                0.247
                                                                                                                                                                                                                                                                                                                       Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                0.000
                                                        On
Sample method
Measured
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                                                                              Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                    Scaler2 QC Tests
0 Pass
0 Pass
                                                                                                                                                                                                                                                              Cycle Singles
1 41572
2 41536
                                                                                                                                                                                                                                                                                                                                                             Scaler1
                                                                                                                                                                                                                                                                                                                                         A
1835
1846
                                                                                                                                                                                                                                                                                                                 1927
1961
                                                                                                                                                                                                                                                                                                                                                                  3322
3316
                       Isotopics id: Default
                                                                                                                                                                                                                                                                                                                                                                                                O Pass
                                                        0D

0.0000 +-

0.0000 +-

100.0000 +-

0.0000 +-

0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                1963
1941
1962
2011
                                                                                                                                                                                                                                                                                                                                                                  3366
3463
3357
3350
                                                                                                                                                                                                                                                                                      41558
                                                                                                                                                                                                                                                                                                                                          1887
1811
1827
1813
1973
1879
                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                              0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                      41270
41714
41651
                                                                                                                                                                                                                                                                                                                1965
1945
1986
1910
                                        Pu241:
                                                                                                                                                                                                                                                                                      41779
                                                                                                                                                                                                                                                                                                                                                                  3380
                                                                                                                                                                                                                                                                                                                                                                  3316
3410
3397
                                        Pu242:
                                                                                                                                                                                                                                                                                      41917
                                  Pu date:
Am241:
Am date:
                                                         00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                                                                                          1867
1844
                                                                                                                20. 01. 09
                                                                                                                                                                                                                                                                                      41511
                                                                                                                0. 0000 +-
20. 01. 09
                                                                                         0.0000
                                                                                                                                                0.0000
                                                                                                                                                                                                                                                                    10
                                                                                                                                                                                                                                                                                      41808
                                                                                                                                                                                                                                                              Passive cycle rate data
                Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                1.50
64.00
                                                                                                                                                                                                                                                                                       Singles
                                                                                                                                                                                                                                                                                                                                                       Triples
                                                                                                                                                                                                                                                                                                                                                                                             Mass QC Tests
                                                                                                                                                                                                                                                              Cycle
                                                                                                                                                                                                                                                                                                                       Doubles
                                                            64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
                                                                                                                                                                                                                                                                                       692. 867
692. 267
692. 633
687. 833
                                                                                                                                                                                                                                                                                                                           1. 533
1. 917
1. 267
2. 167
                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                          2. 250
3. 300
-0. 133
1. 100
1. 983
1. 100
                                                                                                                                                                                                                                                                                        695, 233
                                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                                                                                                                                                           Pass
                                                                   0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                        694 183
                                                                                                                                                                                                                                                                                       696. 317
698. 617
691. 850
696. 800
                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                   1.0000 +-
 Normalization constant:
                                                                                                0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                   0.000 +-
0.000 +-
                                                                                                  (1)
                                                                                                                                                                                                                                                                                                                                                                  (2)
```

202001_AFAS-P Bottom Fork_Position4.txt	20	02001_AFAS-P B	ottom Fork_Position4.txt
: JMOX	Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd:	0. 000 +- 0. 000 0. 000	0. 000

Number passive cycles:

INCC 5. 1. 2				
Facility: Material balance area: Detector type: Detector id: Electronics id: Inventory change code: I/O code: Measurement date: Results file name: Inspection number: Item id: Stratum id: Stratum id: Material type: Original declared mass: Measurement option: Data source: OC tests: Error calculation: Accidentals method: Inspector name: Passive comment:	JMOX JMZ6 AFAS JSR 03 JSR-12 20.01.09 10: 019K1821.VER PB4 202001 XXXX Pu 0.000 Verification Review disk f On Sample method Measured			
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date: Predelay: Gate length: 2nd gate length: High voltage: Die away time:	Default 0D	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 + 0.0000 + 100.0000 + 0.0000 + 0.0000 + 20.01.09 0.0000 + 20.01.09	- 0.0000 - 0.0000 - 0.0000 - 0.0000
Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0. 0127 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001 0. 0001			
Normalization constant:	1.0000 +-	0.0000		
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 +-	0. 000 0. 000		

	Count time (sec):	60			
Passiv	e error messa	ges				
	sive calibrat wn alpha cali		alibrati	on		
Result	S					
		Sing Doub		1454. 970 9. 388		
		Trip		0.000		
		Scale		240, 067		
		Scale		0.000		
Passiv	e cycle raw d	ata				
Cycle	Singles	R+A	Α	Scaler1	Scaler2	
1	87122	8601	8105	14459	0	Pass
2	87188	8793	8085	14193	0	Pass
4	87575 87776	8816 8737	8084 8265	14345 14115	0	Pass Pass
5	86947	8578	8097	14115	0	Pass
6	87489	8726	8117	14501	0	Pass
7	87287	8609	8032	14656	0	Pass
8	87246	8536	8228	14417	Ö	Pass
9	87212	8729	8019	14486	0	Pass
10	87140	8687	8147	14607	0	Pass
Passiv	e cycle rate	data				
Cycle	Singles	Doub I		Triples	Mass	
1	1452. 033	8. 2		0.000	0.000	
2	1453. 133	11. 8		0.000	0.000	
3	1459. 583	12. 2		0.000	0.000	
4	1462. 933	7. 8		0.000	0.000	
5 6	1449. 117 1458. 150	8. 0 10. 1		0. 000 0. 000	0. 000 0. 000	
7	1454, 783	9. 6		0.000	0.000	
8	1454, 100	5. u 5. 1		0.000	0.000	
9	1453, 533	11. 8		0.000	0.000	
10	1452. 333	9. 0		0.000	0. 000	Pass

1. 168 0. 541 0. 000

0.629 0.000

Pass Pass Pass Pass

Pass Pass Pass Pass

Pass Pass Pass Pass Pass Pass Pass

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                             Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                              0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                             Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                               Number passive cycles:
                                                                                                                                                                                                                                                                                           Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                           Passive error messages
                                                            20. 01. 09 10:34:26
019K3426. VER
                                                                                                                                                                                                                                                                           No passive calibration curve calibration
No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                            PB5 202001
                                                                                                                                                                                                                                                                           Results
                                                            XXXX
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                            1302. 833 +-

7. 240 +-

0. 000 +-

129. 382 +-

0. 000 +-
                                                                                                                                                                                                                                                                                                                                        Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                                                                                       Scaler 1:
                                                                                                                                                                                                                                                                                                                                      Scaler 2:
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                           Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                      Scaler2 QC Tests
O Pass
                                                                                                                                                                                                                                                                                             Singles
78362
78419
                                                                                                                                                                                                                                                                                                                                                                             Scaler 1
7784
7563
                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                                                                         A
6610
6529
                                                                                                                                                                                                                                                                                                                               6905
6883
                         Isotopics id: Default
                                                            0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                   78073
78413
78015
78480
                                                                                                                                                                                                                                                                                                                               7105
6944
6928
6904
                                                                                                                                                                                                                                                                                                                                                         6461
6528
6468
6438
                                                                                                                                                                                                                                                                                                                                                                                    7736
7769
7846
7720
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                     0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                         6596
6475
6515
6379
                                          Pu241:
                                                                                                                                                                                                                                                                                                   77993
                                                                                                                                                                                                                                                                                                                               6938
                                                                                                                                                                                                                                                                                                                                                                                    7871
                                                                                                                                                                                                                                                                                                   78064
77997
77884
                                                                                                                                                                                                                                                                                                                                                                                    7987
7651
7702
                                          Pu242:
                                                                                                                                                                                                                                                                                                                               6887
7064
                                    Pu242:
Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                      20. 01. 09
                                                                                                                      0.0000 +-
20.01.09
                                                                                              0.0000
                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                                10
                                                                                                                                                                                                                                                                           Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                     Singles
                                                                                                                                                                                                                                                                                                                                                                        Triples
                                                                                                                                                                                                                                                                                                                                                                                                               Mass QC Tests
                                                               64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                                      Doubles
                                                                                                                                                                                                                                                                                                   1306. 033
1306. 983
1301. 217
1306. 883
                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                         4. 917
5. 900
10. 733
6. 933
7. 667
7. 767
5. 700
6. 867
9. 150
6. 767
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                   1300. 250
1308. 000
                                                                                                                                                                                                                                                                                                                                                                            0.000
0.000
                                                                                                                                                                                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                                                                   1299. 883
1301. 067
1299. 950
1298. 067
                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
 Normalization constant:
                                                                                                     0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                   (2)
```

	202001_AFAS-P Bottom Fork_Position6.txt	202001_AFAS-P Bottom Fork_Position6.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	AFAS JSR_03	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:	20, 01, 09 10: 49: 30 019K4930. VER	No passive calibration curve calibration No known alpha calibration
Item id: Stratum id: Material type:	XXXX	Results Singles: 1757.607 ← 2.242
Original declared mass: Measurement option: Data source: QC tests: Error calculation:	0. 000	Singles: 173, 607 ← 2, 242 Doubles: 11, 463 ← 0, 575 Triples: 0, 000 ← 0, 000 Scaler 1: 65, 443 ← 0, 521 Scaler 2: 0, 000 ← 0, 000
Accidentals method: Inspector name:	Sample method Measured	Passive cycle raw data
Passive comment: Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 105064 12586 11972 33 0 Pass 2 105542 12804 11957 4093 0 Pass 3 105824 12762 12013 3933 0 Pass 4 106155 12685 12062 3759 0 Pass 5 105652 12592 12069 3958 0 Pass 6 104609 12425 11588 3874 0 Pass 7 105391 12485 11819 4074 0 Pass 9 105220 12464 11755 3890 0 Pass 10 105619 12622 11939 3867 0 Pass
Predelay:	1.50	Passive cycle rate data
Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient Coedadtime: Doubles gate fraction: Triples gate fraction:	64. 00 64. 00 1720 50. 0000 0. 0127 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001	Cycle Singles Doubles Triples Mass QC Tests 1 1751.067 10.233 0.000 0.000 Pass 2 1759.033 14.117 0.000 0.000 Pass 3 1763.733 12.483 0.000 0.000 Pass 4 1769.250 10.383 0.000 0.000 Pass 5 1760.867 8.717 0.000 0.000 Pass 6 1743.483 14.450 0.000 0.000 Pass 7 1756.517 11.100 0.000 0.000 Pass 8 1758.133 9.950 0.000 0.000 Pass 9 1753.667 11.817 0.000 0.000 Pass 10 1760.317 11.383 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 \(\dots \) 0.000 0.000 \(\dots \) 0.000	
	(1)	(2)

202001_AFAS-P Bottom Fork_Position7.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                              0.000 +-
0.000
                                                                                                                                                                                                                        Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                     0.000
   Facility:
Material balance area:
Detector type:
Detector id:
                                                                                                                                                                                                                        Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                         Number passive cycles:
                                                                                                                                                                                                                                   Count time (sec)
                Electronics id:
                                                JSR-12
   Inventory change code:

1/0 code:

Measurement date:
Results file name:
                                                                                                                                                                                                                     Passive error messages
                                                20. 01. 09 11:05:34
019L0534. VER
                                                                                                                                                                                                                     No passive calibration curve calibration
No known alpha calibration
           Inspection number
                            Item id:
                                                PB7 202001
                                                                                                                                                                                                                      Results
                    Stratum id:
                                                XXXX
                                                Pu
0.000
Verification
Review disk file
 Material type:
Original declared mass:
Measurement option:
Data source:
                                                                                                                                                                                                                                                                                                    4516.890 +-
90.365 +-
0.000 +-
103.180 +-
                                                                                                                                                                                                                                                                       Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                      Scaler 1
                                                                                                                                                                                                                                                                                                                                  0.317
                           QC tests:
                                                0n
                                                                                                                                                                                                                                                                      Scaler 2:
                                                                                                                                                                                                                                                                                                         0.000 +-
                                                                                                                                                                                                                                                                                                                                  0.000
         Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                Sample method
Measured
                                                                                                                                                                                                                     Passive cycle raw data
                                                                                                                                                                                                                      Cycle Singles
                                                                                                                                                                                                                                                                                                     Scaler1
                                                                                                                                                                                                                                                                                                                        Scaler2 QC Tests
                                                                                                                                                                                                                                                              84262
83611
                                                                                                                                                                                                                                                                                   77553
78682
                                                                                                                                                                                                                                      270816
271728
                                                                                                                                                                                                                                                                                                         6297
6210
                                                                                                                                                                                                                                                                                                                                    0
                                                                                                                                                                                                                                                                                                                                          Pass
Pass
                    Isotopics id: Default
                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
   Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                0D

0.0000 +-

0.0000 +-

100.0000 +-
                                                                                                                                                                                                                                      271588
271402
271241
270901
                                                                                                                                                                                                                                                                                   78816
78546
78405
78540
                                                                                                                                                                                                                                                              84135
                                                                                                                                                                                                                                                                                                          6188
                                                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                          0.0000
0.0000
0.0000
                                                                                                                        0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
                                                                                                                                                                                                                                                              83457
83681
                                 Pu241:
                                                    0.0000 +-
0.0000 +-
                                                                           0.0000
                                                                                                                         0.0000
0.0000
                                                                                                                                                                                                                                       270427
                                                                                                                                                                                                                                                              82627
                                                                                                                                                                                                                                                                                   77905
                                                                                                                                                                                                                                                                                                          6242
                                                                                                                                                                                                                                                                                                                                          Pass
                                                                           0.0000
                                                                                                                                                                                                                                                                                  78317
77939
77873
                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
                                 Pu242:
                                                                                                                                                                                                                                       271185
270442
                                                                                                                                                                                                                                                              83890
                                                                                                                                                                                                                                                                                                          6234
6105
                             Pu date:
Am241:
Am date:
                                                00. 01. 01
0. 0000
00. 01. 01
                                                                                              20. 01. 09
                                                                                                                                                                                                                                                              83507
                                                                                              0.0000 +-
20.01.09
                                                                           0.0000
                                                                                                                         0.0000
                                                                                                                                                                                                                          10
                                                                                                                                                                                                                                      270404
                                                                                                                                                                                                                                                                                                          6100
                                                                                                                                                                                                                     Passive cycle rate data
                                                        1.50
                           Predelay:
              Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                      64.00
                                                                                                                                                                                                                                                                                                                                Mass QC Tests
                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                          Singles
                                                                                                                                                                                                                                                                     Doubles |
                                                                                                                                                                                                                                                                                                Triples
                                                   64. 00
1720
50. 0000
0. 0127
                                                                                                                                                                                                                                         4513. 600
4528. 800
4526. 467
4523. 367
                                                                                                                                                                                                                                                                     111. 817
82. 150
88. 650
100. 817
                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
 Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                       84. 200
85. 683
78. 700
92. 883
92. 800
85. 950
                                                        0.0000
                                                                                                                                                                                                                                         4520, 683
                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                                                                                            Pass
                                                                                                                                                                                                                                         4515. 017
4507. 117
4519. 750
4507. 367
                                                        0.0000
                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                                                                                            Pass
                                                        0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
                                                                                                                                                                                                                          10
                                                                                                                                                                                                                                         4506.733
 Normalization constant:
                                                        1.0000 +-
                                                                                 0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                        0.000 +-
0.000 +-
                                                                                  (1)
                                                                                                                                                                                                                                                                                                         (2)
```

ZUZUUT_AI AS-F BULLUIII TUTK_FUSTLTUIIO. LXL	20	2001_ALAS=F DO	CLOIII FOI K_FOST LIGITO. LXL
JMOX	Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd:	0.000 +- 0.000 0.000	0. 000

Facility: Material balance area: Detector type: Detector id: Electronics id: Inventory change code: 1/0 code:	JSR-12
Measurement date:	20. 01. 09 11:25:40
Results file name:	019L2540. VER
Inspection number:	
Item id:	PB8 202001
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0. 000
Measurement option:	Verification
	Review disk file
QC tests:	0n
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	
Isotonics id:	Default

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20. 01. 09	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00 01 01		20 01 09	

Predelay: 1.50 Gate length: 2nd gate length: High voltage: 64. 00 64. 00 1720 50. 0000 Die away time Efficiency 0. 0127 0. 0000 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction: 0. 0000 0. 0000 0. 0000 0. 0001 Triples gate fraction: 0.0001 Normalization constant: 1.0000 +-

INCC 5, 1, 2

0.0000 Passive singles bkgrnd: Passive doubles bkgrnd: 0.000 +-0.000 +-0. 000 0. 000

(1)

Number passive cycles:

Count time (sec): 60

Passive error messages

No passive calibration curve calibration No known alpha calibration

Results

39212.138 +-6620.438 +-Singles: Doubles: 5. 582 19. 379 Triples: 0.000 +-317.437 +-0.000 0.718 Scaler 2: 0.000 +-0.000

Passive cycle raw data

Cvcle Singles R+A Scaler1 Scaler2 QC Tests 0 Pass 6289056 5900177 2351513 19215 Pass Pass Pass Pass 2353930 2351492 2352265 2353443 6307615 6295816 6299675 6305018 5909294 5900665 5904415 5904228 19092 19102 18836 19135 2353841 6310742 5913353 18850 0 Pass Pass 2352046 6305306 5903527 18886 6301815 6309440 6303199 19153 19112 19081 0 Pass 0 Pass 0 Pass 0 Pass 2352302 5905586 2354353 2352098 5910460 5903714 10

Passive cycle rate data

Singles 39191, 883 39232, 167 39191, 533 QC Tests Pass Pass Triples 0.000 0.000 0.000 Cycle Mass 6481. 317 6638. 683 6585. 850 0. 000 0. 000 0. 000 Pass 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 39204.417 6587, 667 0.000 Pass Pass Pass Pass 39224 050 6679. 833 0.000 39230. 683 39200. 767 39205. 033 6623. 150 6696. 317 6603. 817 0. 000 0. 000 0. 000 0. 000 Pass 39239, 217 6649, 667 Pass 10 39201, 633 6658, 083 0.000 0.000

(2)

202001_AFAS-P Bottom Fork_Position9.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                      Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                      0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                      0.000
                                                                                                                                                                                                                                                         Number passive cycles:
                                                                                                                                                                                                                                                                    Count time (sec)
   Inventory change code:

1/0 code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                    Passive error messages
                                                       20. 01. 09 14:43:32
01904332. VER
                                                                                                                                                                                                                                                    No passive calibration curve calibration
No known alpha calibration
            Inspection number
                                                       PB9 202001
                       Item id:
Stratum id:
                                                                                                                                                                                                                                                     Results
                                                       XXXX
 Stratum Id:
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                      Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                              7503. 955 +-
247. 502 +-
0. 000 +-
1061. 165 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                             Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                                                                                                                                 3. 110
5. 196
0. 000
                                                                                                                                                                                                                                                                                                            Scaler 1:
                                                                                                                                                                                                                                                                                                                                                                                  1.668
                                                                                                                                                                                                                                                                                                           Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                 0.000
          Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                       Sample method
Measured
                                                                                                                                                                                                                                                    Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                     Scaler2 QC Tests
0 Pass
0 Pass
                                                                                                                                                                                                                                                                     Singles
450758
449443
                                                                                                                                                                                                                                                                                                R+A
231968
229370
                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                               Scaler1
                                                                                                                                                                                                                                                                                                                        216800
214565
                                                                                                                                                                                                                                                                                                                                                   63894
63731
                       Isotopics id: Default
                                                                                                                                                                                                                                                                                                                                                                                  O Pass
   Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                       0D

0.0000 +-

0.0000 +-

100.0000 +-
                                                                                                                                                                                                                                                                        451253
450358
450892
449628
                                                                                                                                                                                                                                                                                                232606
230488
230637
229993
                                                                                                                                                                                                                                                                                                                        216184
216765
216393
215232
                                                                                                                                                                                                                                                                                                                                                   63316
                                                                                     0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                         0.0000
0.0000
0.0000
                                                           0.0000 +-
0.0000 +-
                                                                                                                                          0.0000
0.0000
                                                                                                                                                                                                                                                                                                                        215820
                                      Pu241:
                                                                                                                                                                                                                                                                        449721
450053
                                                                                                                                                                                                                                                                                                231050
                                                                                                                                                                                                                                                                                                                                                   63541
                                                                                                                                                                                                                                                                                                230192
231800
231186
                                                                                                                                                                                                                                                                                                                        216914
217148
214968
                                      Pu242:
                                                                                                                                                                                                                                                                                                                                                   63375
                                 Pu242:
Pu date:
Am241:
Am date:
                                                       00. 01. 01
0. 0000
00. 01. 01
                                                                                                                                                                                                                                                                        450312
449955
                                                                                                            20. 01. 09
                                                                                                                                                                                                                                                                                                                                                   63246
                                                                                                            0.0000 +-
20.01.09
                                                                                      0.0000
                                                                                                                                          0.0000
                                                                                                                                                                                                                                                          10
                                                                                                                                                                                                                                                    Passive cycle rate data
                Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                             1.50
64.00
                                                                                                                                                                                                                                                                                                                                          Triples
                                                                                                                                                                                                                                                                                                                                                                               Mass QC Tests
                                                                                                                                                                                                                                                    Cycle
                                                                                                                                                                                                                                                                            Singles
                                                                                                                                                                                                                                                                                                           Doubles |
                                                          64. 00
1720
50. 0000
0. 0127
                                                                                                                                                                                                                                                                           7512. 633
7490. 717
7520. 883
7505. 967
                                                                                                                                                                                                                                                                                                           252. 800
246. 750
273. 700
228. 717
                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                0.0000
                                                                                                                                                                                                                                                                           7514. 867
7493. 800
                                                                                                                                                                                                                                                                                                           237. 400
                                                                                                                                                                                                                                                                                                                                              0.000
0.000
                                                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                                                                                                                                            Pass
                                                                0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                           246 017
                                                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                           7495. 800
7495. 350
7500. 883
7505. 200
7499. 250
                                                                                                                                                                                                                                                                                                           253. 833
221. 300
244. 200
270. 300
                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                1.0000 +-
 Normalization constant:
                                                                                            0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                 0.000 +-
0.000 +-
                                                                                              (1)
                                                                                                                                                                                                                                                                                                                                                    (2)
```

202001_AFAS-P Bottom Fork_Position10.txt	osition10.txt		
: JMOX	Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd:	0. 000 +- 0. 000 0. 000	0. 000

Facility: Material balance area: Detector type: Detector id: Electronics id: Inventory change code: 1/0 code: Measurement date: Results file name: Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests: Error calculation: Accidentals method: Inspector name: Passive comment:	JMOX JM26 AFA8 JSR-03 JSR-12 20.01.09 14:59:3 01905937.VER PB10 202001 XXXX PU 0.000 Verification Review disk file On Sample method Measured	7	
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu241: Pu242: Pu date: Am241: Am date: Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient B deadtime: Coefficient B deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0.0000 + 0.0 100.0000 + 0.0 0.0000 + 0.0 0.0000 + 0.0 0.0000 + 0.0	0000 0.0000 +- 0000 100.0000 +- 0000 0.0000 +- 0000 0.0000 +- 0000 0.0000 +- 0000 0.0000 +- 20.01.09 20.01.09	0.0000

1.0000 +-

0.000 +-0.000 +-

0.0000

0. 000 0. 000 (1)

Normalization constant:

Passive singles bkgrnd: Passive doubles bkgrnd:

INCC 5. 1. 2

Number passive cycles: 10 Count time (sec): 60								
Passive	error messa	ges						
	sive calibrat un alpha calil		calibrati	on				
Results	3							
		Dou Tri Scal	gles: bles: ples: er 1: er 2:	3179. 598 42. 353 0. 000 2415. 502 0. 000	+- 1.6 +- 0.0 +- 1.9	05 00 97		
Passive	cycle raw d	ata						
Cycle 1 2 3 4 5 6 7 8 9 10 Passive	Singles 190266 190539 190689 190099 191146 190973 191926 191051 190129 190941	R+A 41093 41247 41404 40944 41486 41815 42133 41928 41045 41320	A 38443 38873 38464 38472 39343 39008 39385 39157 39057 3801	Scaler1 144466 144524 144596 144829 145405 145112 144847 145098 145623 144801	Scaler2 0 0 0 0 0 0 0 0 0 0	Pass Pass Pass Pass Pass Pass Pass Pass		
Cycle 1 2 3 4 5 6 7 8 9 10	Singles 3171, 100 3175, 650 3178, 150 3168, 317 3185, 767 3182, 883 3198, 767 3184, 183 3168, 817 3182, 350	Doub 44. 39. 49. 41. 35. 46. 45. 46. 33.	167 567 000 200 717 783 800 183 133	Triples 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000	Mass 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Pass Pass Pass Pass Pass Pass Pass Pass		

(2)

```
202001_AFAS-P Collar_Position1.txt
                                                                                                                                                                                                                                                                                                                                  202001_AFAS-P Collar_Position1.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                                   Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                     0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                 0.000
   Facility: JMOX
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                   Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                     0.000
                                                                                                                                                                                                                                                                      Number passive cycles:
                                                                                                                                                                                                                                                                                 Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                 Passive error messages
                                                          20. 01. 09 09:27:08
019J2708. VER
                                                                                                                                                                                                                                                                 No passive calibration curve calibration
No known alpha calibration
            PC1 202001
XXXX
                                                                                                                                                                                                                                                                 Results
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                         Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                               1042. 994 +-
3. 763 +-
0. 000 +-
50. 145 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                            Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                                                                                                                                                   1. 338
0. 568
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                   0. 324
0. 000
                                                                                                                                                                                                                                                                                                                           Scaler 1:
                                                                                                                                                                                                                                                                                                                          Scaler 2:
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          On
Sample method
Measured
                                                                                                                                                                                                                                                                 Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                       Scaler2 QC Tests
O Pass
                                                                                                                                                                                                                                                                                  Singles
62622
62710
                                                                                                                                                                                                                                                                 Cycle
                                                                                                                                                                                                                                                                                                                                                                Scaler1
                                                                                                                                                                                                                                                                                                                                             A
4213
4244
                                                                                                                                                                                                                                                                                                                   4419
4404
                                                                                                                                                                                                                                                                                                                                                                      3059
3040
                       Isotopics id: Default
                                                         0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                   4354
4352
4444
4485
4349
4403
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                        62784
62113
62422
62863
                                                                                                                                                                                                                                                                                                                                                                      3043
2955
3085
3042
                                                                                                                                                                                                                                                                                                                                            4269
4078
4178
4151
4137
4367
4185
4267
                                                                                                                                                                                                                                                                                                                                                                                                     0
0
0
0
0
0
0
                                                                                          0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
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Pass
Pass
Pass
                                                                                                                                                                                                                                                                                        62313
                                        Pu241:
                                                                                                                                                                                                                                                                                                                                                                      2881
                                                                                                                                                                                                                                                                                                                                                                      2987
3033
2962
                                        Pu242:
                                                                                                                                                                                                                                                                                        62603
                                   Pu242:
Pu date:
Am241:
Am date:
                                                          00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                 20. 01. 09
                                                                                                                                                                                                                                                                                        62417
                                                                                                                                                                                                                                                                                                                    4551
                                                                                                                 0. 0000 +-
20. 01. 09
                                                                                          0.0000
                                                                                                                                                 0.0000
                                                                                                                                                                                                                                                                      10
                                                                                                                                                                                                                                                                                                                    4585
                                                                                                                                                                                                                                                                 Passive cycle rate data
                Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                1.50
64.00
                                                                                                                                                                                                                                                                 Cycle
                                                                                                                                                                                                                                                                                          Singles
                                                                                                                                                                                                                                                                                                                                                           Triples
                                                                                                                                                                                                                                                                                                                                                                                                 Mass QC Tests
                                                                                                                                                                                                                                                                                                                          Doubles
                                                            64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3457
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                        1043. 794
1045. 261
1046. 495
1035. 309
                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                              3. 435
2. 668
1. 417
4. 568
4. 435
5. 569
3. 535
0. 600
6. 102
5. 302
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                       5
6
7
                                                                                                                                                                                                                                                                                        1040. 460
1047. 812
                                                                                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                                        1047. 812
1038. 643
1043. 477
1040. 377
1048. 312
                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                   1.0000 +-
                                                                                                 0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                   0.000 +-
0.000 +-
                                                                                                   (1)
                                                                                                                                                                                                                                                                                                                                                                     (2)
```

	202001_AFAS-P Colla	r_Position2.txt					202	001_AFA	S-P Collar_P	osition2.t	xt
INCC 5.1.2 Facility:	JMOX				Passi	ve triples bkg ve scaler1 bkg ve scaler2 bkg	grnd: 0	. 000 +- . 000 . 000	0.000		
Material balance area: Detector type: Detector id:	JM2G AFAS JSR_03				Numbe	er passive cyc Count time (s		10 60			
Electronics id: Inventory change code: I/O code:	JSR-12				Passive	e error messag	ges				
	20. 01. 09 09:45:13 019J4513. VER					sive calibrat wn alpha calib		librati	on		
Item id: Stratum id:					Result	S					
Material type: Original declared mass: Measurement option: Data source: QC tests: Error calculation:	0.000 Verification						Singl Doubl Tripl Scaler Scaler	es: es: 1:	1278. 031 6. 953 0. 000 43. 497 0. 000	+ 0.6 + 0.0 + 0.1	65 00 50
Accidentals method: Inspector name:	Measured					e cycle raw da					
Passive comment: Isotopics id: Isotopics source code:	Default OD				Cycle 1 2 3	Singles 76644 76278 76655	R+A 6694 6570 6748	A 6227 6229 6122	Scaler1 2635 2640 2590	Scaler2 0 0 0	QC Tests Pass Pass Pass
Pu238: Pu239: Pu240: Pu241: Pu242:	0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +-	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000		4 5 6 7 8	76410 77111 76931 76753 76902	6615 6563 6808 6611 6777	6308 6268 6404 6182 6270	2560 2652 2606 2578 2615	0 0 0 0	Pass Pass Pass Pass Pass
Pu date: Am241: Am date:	00. 01. 01 0. 0000 +- 0. 0000 00. 01. 01	20. 01. 09 0. 0000 +- 20. 01. 09	0. 0000		9 10	76561 76489	6763 6681	6200 6450	2608 2614	0	Pass Pass
Predelay:	1.50					e cycle rate o					
Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	64. 00 64. 00 1720 50. 0000 0. 1620 86. 5000 0. 3457 0. 0299 0. 0000 0. 0001				Cycle 1 2 3 4 5 6 7 8 9 10	Singles 1277. 541 1271. 440 1277. 724 1273. 640 1285. 326 1282. 325 1279. 358 1281. 842 1276. 157 1274. 957	Doub I e 7. 78 5. 68 10. 43 5. 11 4. 91 6. 73 7. 15 8. 45 9. 38 3. 85	7 6 8 9 9 6 3 4 7	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass 0, 000 0, 0	Pass Pass Pass Pass Pass Pass Pass Pass
Normalization constant:	1.0000 +- 0.00	00									
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000										

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                    Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                      0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                  0.000
   Facility: JMOX
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                    Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                      0.000
                                                                                                                                                                                                                                                                       Number passive cycles:
                                                                                                                                                                                                                                                                                  Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                  Passive error messages
                                                          20. 01. 09 10:01:17
019K0117. VER
                                                                                                                                                                                                                                                                  No passive calibration curve calibration
No known alpha calibration
            PC3 202001
XXXX
                                                                                                                                                                                                                                                                  Results
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                         Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                  693. 902 +-
1. 649 +-
0. 000 +-
56. 128 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                              Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                                                                                                                                                     0. 970
0. 288
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                     0. 247
0. 000
                                                                                                                                                                                                                                                                                                                            Scaler 1:
                                                                                                                                                                                                                                                                                                                            Scaler 2:
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          On
Sample method
Measured
                                                                                                                                                                                                                                                                  Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                         Scaler2 QC Tests
O Pass
                                                                                                                                                                                                                                                                                   Singles
41572
41536
                                                                                                                                                                                                                                                                  Cycle
                                                                                                                                                                                                                                                                                                                                                                  Scaler1
                                                                                                                                                                                                                                                                                                                                              A
1835
1846
                                                                                                                                                                                                                                                                                                                     1927
1961
                                                                                                                                                                                                                                                                                                                                                                       3322
3316
                       Isotopics id: Default
                                                          0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                       3366
3463
3357
3350
                                                                                                                                                                                                                                                                                          41558
                                                                                                                                                                                                                                                                                                                    1963
1941
1962
2011
1965
1945
1986
1910
                                                                                                                                                                                                                                                                                                                                               1887
1811
1827
1813
1973
1879
1867
1844
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0
0
0
0
0
0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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41714
41651
                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
                                        Pu241:
                                                                                                                                                                                                                                                                                          41779
                                                                                                                                                                                                                                                                                                                                                                       3380
                                                                                                                                                                                                                                                                                                                                                                       3316
3410
3397
                                        Pu242:
                                                                                                                                                                                                                                                                                          41917
                                   Pu242:
Pu date:
Am241:
Am date:
                                                          00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                  20. 01. 09
                                                                                                                                                                                                                                                                                          41511
                                                                                                                  0. 0000 +-
20. 01. 09
                                                                                           0.0000
                                                                                                                                                  0.0000
                                                                                                                                                                                                                                                                       10
                                                                                                                                                                                                                                                                                          41808
                                                                                                                                                                                                                                                                  Passive cycle rate data
                Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                 1.50
64.00
                                                                                                                                                                                                                                                                  Cycle
                                                                                                                                                                                                                                                                                           Singles
                                                                                                                                                                                                                                                                                                                                                            Triples
                                                                                                                                                                                                                                                                                                                                                                                                  Mass QC Tests
                                                                                                                                                                                                                                                                                                                           Doubles
                                                             64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3457
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                           692. 908
692. 308
692. 675
687. 874
                                                                                                                                                                                                                                                                                                                               1. 534
1. 917
1. 267
2. 167
                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
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0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                            695, 275
                                                                                                                                                                                                                                                                                                                                2. 251
3. 301
                                                                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                            694 225
                                                                                                                                                                                                                                                                                           694. 225
696. 359
698. 659
691. 891
696. 842
                                                                                                                                                                                                                                                                                                                              -0. 133
1. 100
1. 984
1. 100
                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
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0. 000
0. 000
0. 000
                                                                   1.0000 +-
                                                                                                 0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                   0.000 +-
0.000 +-
                                                                                                   (1)
                                                                                                                                                                                                                                                                                                                                                                      (2)
```

	202001_AFAS-P Collar_Pos	sition4 tyt				2020	001 AEAS	G-P Collar_Pos	ition4 to	, +
	ZUZUUT_AFAS-P GUTTAT_POS	STETOTIA. EXE				2020	JUI_AFAS	-P GOTTAT_POS	LTON4. LX	.L
INCC 5. 1. 2				Passiv	e triples bkg e scaler1 bkg	rnd: 0.	000 ← 000	0.000		
Facility: Material balance area:	JMOX JM2G				e scaler2 bkg		000			
Detector type: Detector id: Electronics id:	AFAS JSR_03 JSR-12				r passive cyc Count time (s		10 60			
Inventory change code: I/O code:					error messag					
Measurement date: Results file name: Inspection number:	20. 01. 09 10:18:21 019K1821. VER				ive calibrati n alpha calib		ibratio	on		
Item id: Stratum id:	PC4 202001 XXXX			Results						
Material type: Original declared mass: Measurement option:	Pu 0.000 Verification					Single Double Triple	es:	1455. 153 +- 9. 393 +- 0. 000 +-	1. 29 0. 70 0. 00	00
Data source: QC tests:	Review disk file On					Scaler Scaler	1:	240. 067 +- 0. 000 +-	0. 92 0. 00	23
Error calculation: Accidentals method: Inspector name:	Sample method Measured			Passive	cycle raw da	ita				
Passive comment:				1	Singles 87122	R+A 8601	A 8105	14459	0	QC Tests Pass
Isotopics id: Isotopics source code: Pu238:	Default OD 0.0000 +- 0.0000	0.0000 +-	0.0000	2 3 4	87188 87575 87776	8793 8816 8737	8085 8084 8265	14193 14345 14115	0	Pass Pass Pass
Pu239: Pu240:	0.0000 +- 0.0000 100.0000 +- 0.0000 10	0.0000 +- 00.0000 +-	0. 0000 0. 0000	5 6	86947 87489	8578 8726	8097 8117	14261 14501	0	Pass Pass
Pu241: Pu242: Pu date:	0.0000 +- 0.0000	0.0000 +- 0.0000 +- 0.01.09	0. 0000 0. 0000	7 8 9	87287 87246 87212	8609 8536 8729	8032 8228 8019	14656 14417 14486	0	Pass Pass Pass
Am241: Am date:	0.0000 +- 0.0000	0. 0000 +- 0. 01. 09	0.0000	10	87140	8687	8147	14607	-	Pass
Predelav:	1. 50			Passive	cycle rate o	lata				
Gate length: 2nd gate length: High voltage:	64. 00 64. 00 1720			Cycle 1 2	Singles 1452, 216 1453, 316	Doubles 8. 27 11. 806		Triples 0.000 0.000	Mass 0. 000 0. 000	QC Tests Pass Pass
Die away time: Efficiency: Multiplicity deadtime:	50. 0000 0. 1620 86. 5000			3 4 5	1459. 767 1463. 118 1449. 298	12. 200 7. 87 8. 02		0. 000 0. 000 0. 000	0. 000 0. 000 0. 000	Pass Pass Pass
Coefficient A deadtime: Coefficient B deadtime:	0. 3457 0. 0299			6 7	1458. 334 1454. 966	10. 155 9. 622	<u> </u>	0. 000 0. 000	0. 000 0. 000	Pass Pass
Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0. 0000 0. 0001 0. 0001			8 9 10	1454. 283 1453. 716 1452. 516	5. 136 11. 839 9. 009)	0. 000 0. 000 0. 000	0. 000 0. 000 0. 000	Pass Pass Pass
Normalization constant:	1.0000 +- 0.0000									
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 + 0.000 0.000 + 0.000									

```
202001_AFAS-P Collar_Position5.txt
                                                                                                                                                                                                                                                                                                                                               202001_AFAS-P Collar_Position5.txt
                                                                                                                                                                                                                                                                                                                                                  0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                             Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                               0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                              Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                Number passive cycles:
                                                                                                                                                                                                                                                                                            Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                           Passive error messages
                                                            20. 01. 09 10:34:26
019K3426. VER
                                                                                                                                                                                                                                                                           No passive calibration curve calibration
No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                            PC5 202001
                                                                                                                                                                                                                                                                           Results
                                                            XXXX
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                             1302. 980 +-
7. 243 +-
0. 000 +-
129. 382 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                         Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                                                                                                                                                                   1. 168
0. 541
0. 000
                                                                                                                                                                                                                                                                                                                                       Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                                   0.629
0.000
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                           Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                       Scaler2 QC Tests
O Pass
                                                                                                                                                                                                                                                                                              Singles
78362
78419
                                                                                                                                                                                                                                                                                                                                                                              Scaler 1
7784
7563
                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                                                                         A
6610
6529
                                                                                                                                                                                                                                                                                                                               6905
6883
                         Isotopics id: Default
                                                            0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                    78073
78413
78015
78480
                                                                                                                                                                                                                                                                                                                               7105
6944
6928
6904
                                                                                                                                                                                                                                                                                                                                                          6461
6528
6468
6438
                                                                                                                                                                                                                                                                                                                                                                                     7736
7769
7846
7720
                                                                                                                                                                                                                                                                                                                                                                                                                     0
0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                       0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                          6596
6475
6515
6379
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
                                          Pu241:
                                                                                                                                                                                                                                                                                                    77993
                                                                                                                                                                                                                                                                                                                                6938
                                                                                                                                                                                                                                                                                                                                                                                     7871
                                                                                                                                                                                                                                                                                                    78064
77997
77884
                                                                                                                                                                                                                                                                                                                                                                                     7987
7651
7702
                                          Pu242:
                                                                                                                                                                                                                                                                                                                                6887
7064
                                    Pu242:
Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000
00. 01. 01
                                                                                                                      20. 01. 09
                                                                                                                      0.0000 +-
20.01.09
                                                                                              0.0000
                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                                 10
                                                                                                                                                                                                                                                                           Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                     Singles
                                                                                                                                                                                                                                                                                                                                                                         Triples
                                                                                                                                                                                                                                                                                                                                                                                                                Mass QC Tests
                                                                                                                                                                                                                                                                                                                                      Doubles
                                                               64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3457
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                    1306. 181
1307. 131
1301. 363
1307. 031
                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                          4. 919
5. 903
10. 738
6. 936
7. 670
7. 770
5. 703
6. 870
9. 154
6. 770
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                    1300. 396
1308. 148
                                                                                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                                                    1300. 029
1301. 213
1300. 096
1298. 212
                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
                                                                                                     0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                    (2)
```

	202001_AFAS-P Collar_Position6.txt		202001_AFA	S-P Collar_Position6.txt
INCC 5. 1. 2		Passive triples b		0.000
Facility: Material balance area:	JM2G	Passive scaler2 b	kgrnd: 0.000	
Detector type: Detector id: Electronics id:	AFAS JSR_03 JSR-12	Number passive c Count time		
Inventory change code: I/O code:	00.04.00.40.10.00	Passive error mess	-	
Measurement date: Results file name: Inspection number:	20. 01. 09 10:49:30 019K4930. VER	No passive calibra No known alpha cal	tion curve calibrati ibration	on
Item id: Stratum id: Material type:	PC6 202001 XXXX Pu	Results	Singles:	1757, 874 + 2, 243
Original declared mass: Measurement option:	0.000 Verification		Doubles: Triples:	11. 470 + 0. 576 0. 000 + 0. 000
Data source: QC tests: Error calculation:	Review disk file On Sample method		Scaler 1: Scaler 2:	65. 443 +- 0. 521 0. 000 +- 0. 000
Accidentals method: Inspector name: Passive comment:	Measured	Passive cycle raw		Scaler1 Scaler2 QC Tests
Isotopics id:	Default	Cycle Singles 1 105064 2 105542	R+A A 12586 11972 12804 11957	Scaler1 Scaler2 QC Tests 3934 0 Pass 4093 0 Pass
Isotopics source code: Pu238: Pu239:	00 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000	3 105824 4 106155 5 105652	12762 12013 12685 12062 12592 12069	3933 0 Pass 3759 0 Pass 3958 0 Pass
Pu240: Pu241:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6 104609 7 105391	12425 11558 12485 11819	3874 0 Pass 4074 0 Pass
Pu242: Pu date: Am241:	0.0000 ← 0.0000 0.0000 ← 0.0000 00.01.01 20.01.09 0.0000 ← 0.0000	8 105488 9 105220 10 105619	12567 11970 12464 11755 12622 11939	3884 0 Pass 3890 0 Pass 3867 0 Pass
Am date:	00. 01. 01 20. 01. 09 1. 50	Passive cycle rate	data	
Gate length: 2nd gate length: High voltage:	64.00 64.00 1720	Cycle Singles 1 1751.332 2 1759.301	Doubles 10. 240 14. 125	Triples Mass QC Tests 0.000 0.000 Pass 0.000 0.000 Pass
Die away time: Efficiency:	50. 0000 0. 1620	3 1764. 002 4 1769. 521	12. 491 10. 390	0.000 0.000 Pass 0.000 0.000 Pass
Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime:	86, 5000 0. 3457 0. 0299	5 1761. 135 6 1743. 746 7 1756. 783	8. 722 14. 459 11. 107	0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass
Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0.0000 0.0001 0.0001	8 1758. 401 9 1753. 933 10 1760. 585	9. 956 11. 824 11. 390	0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000			
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000			

```
202001_AFAS-P Collar_Position7.txt
                                                                                                                                                                                                                                                                                                                             202001_AFAS-P Collar_Position7.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                Passive triples bkgrnd:
Passive scaler1 bkgrnd:
    Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                  Number passive cycles:
                                                                                                                                                                                                                                                                             Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                             Passive error messages
                                                         20. 01. 09 11:05:34
019L0534. VER
                                                                                                                                                                                                                                                             No passive calibration curve calibration
No known alpha calibration
            PC7 202001
XXXX
                                                                                                                                                                                                                                                              Results
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                        Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                          4518. 654 +-

90. 506 +-

0. 000 +-

103. 180 +-

0. 000 +-
                                                                                                                                                                                                                                                                                                                        Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                                                                                                                                              2. 588
3. 110
0. 000
                                                                                                                                                                                                                                                                                                                                                                                              0. 317
0. 000
                                                                                                                                                                                                                                                                                                                      Scaler 1:
                                                                                                                                                                                                                                                                                                                      Scaler 2:
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                         On
Sample method
Measured
                                                                                                                                                                                                                                                             Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                  Scaler2 QC Tests
O Pass
                                                                                                                                                                                                                                                             Cycle Singles
1 270816
2 271728
                                                                                                                                                                                                                                                                                                            R+A
84262
83611
                                                                                                                                                                                                                                                                                                                                                           Scaler1
                                                                                                                                                                                                                                                                                                                                      A
77553
78682
                                                                                                                                                                                                                                                                                                                                                                6297
6210
                        Isotopics id: Default
                                                         0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                 271588
271402
271241
270901
                                                                                                                                                                                                                                                                                                            84135
84595
83457
83681
                                                                                                                                                                                                                                                                                                                                      78816
78546
78405
78540
                                                                                                                                                                                                                                                                                                                                                                6188
6185
6181
6166
6242
6234
6105
6100
                                                                                                                                                                                                                                                                                                                                                                                                0
0
0
0
0
0
0
                                                                                        0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                 270427
271185
270442
                                                                                                                                                                                                                                                                                                                                     77905
78317
77939
77873
                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
                                        Pu241:
                                                                                                                                                                                                                                                                                                             82627
                                        Pu242:
                                                                                                                                                                                                                                                                                                             83890
                                  Pu date:
Am241:
Am date:
                                                         00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                20. 01. 09
                                                                                                                                                                                                                                                                                                             83507
                                                                                                                0.0000 +-
20.01.09
                                                                                                                                                                                                                                                                                 270404
                                                                                         0.0000
                                                                                                                                               0.0000
                                                                                                                                                                                                                                                                  10
                                                                                                                                                                                                                                                             Passive cycle rate data
                Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                1.50
64.00
                                                                                                                                                                                                                                                             Cycle
                                                                                                                                                                                                                                                                                      Singles
                                                                                                                                                                                                                                                                                                                                                      Triples
                                                                                                                                                                                                                                                                                                                                                                                           Mass QC Tests
                                                                                                                                                                                                                                                                                                                      Doubles |
                                                            64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3457
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                    4515. 362
4530. 574
4528. 238
4525. 136
                                                                                                                                                                                                                                                                                                                      111. 991
82. 279
88. 789
100. 975
                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                        84. 332
85. 817
78. 823
93. 029
92. 945
86. 084
                                                                                                                                                                                                                                                                                    4522, 451
                                                                                                                                                                                                                                                                                                                                                          0.000
0.000
                                                                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                                                                                                                                                         Pass
                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                    4516 780
                                                                                                                                                                                                                                                                                    4516. 780
4508. 873
4521. 517
4509. 124
4508. 490
                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                  1.0000 +-
                                                                                                0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                  0.000 +-
0.000 +-
                                                                                                  (1)
                                                                                                                                                                                                                                                                                                                                                                (2)
```

	202001_AFAS-P Coll	ar_Position8.txt					202001_AFA	S-P Collar_Pos	ition8.t	xt
INCC 5. 1. 2					ve triples b		0.000 +-	0. 000		
Facility: Material balance area:	JMOX JM2G				ve scaler1 b ve scaler2 b		0. 000 0. 000			
Detector type: Detector id:	AFAS JSR_03			Numbe	er passive o Count time		10 60			
Electronics id: Inventory change code: I/O code:	JSR-12			Passive	error mess	sages				
Measurement date: Results file name:	20. 01. 09 11:25:40 019L2540. VER				sive calibra vn alpha cal		e calibratio	on		
Inspection number: Item id: Stratum id:	PC8 202001 XXXX			Results	3					
Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file					Do Tr	ingles: oubles: riples: aler 1:	39345. 702 +- 6711. 102 +- 0. 000 +- 317. 437 +-	19. 69 0. 00	50 00
QC tests: Error calculation: Accidentals method: Inspector name:	On Sample method Measured			Passive	cycle raw	Sca	aler 2:	0.000 +-		
Passive comment:				Cycle 1	Singles 2351513	R+A 6289056	A 5900177	Scaler1 19215		QC Tests Pass
Isotopics id: Isotopics source code: Pu238: Pu239:	Default OD 0.0000 +- 0.0000 0.0000 +- 0.0000	0.0000 +- 0.0000 +-	0. 0000 0. 0000	2 3 4 5	2353930 2351492 2352265 2353443	6307615 6295816 6299675 6305018	5909294 5900665 5904415 5904228	19092 19102 18836 19135	0 0 0	Pass Pass Pass Pass
Pu240: Pu241: Pu242:	100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000	100.0000 +- 0.0000 +-	0. 0000 0. 0000 0. 0000	6 7 8	2353841 2352046 2352302	6310742 6305306 6301815	5913353 5903527 5905586	18850 18886 19153	0 0	Pass Pass Pass
Pu date: Am241: Am date:	00. 01. 01 0. 0000 +- 0. 0000 00. 01. 01	20. 01. 09 0. 0000 +- 20. 01. 09	0. 0000	9 10	2354353 2352098	6309440 6303199	5910460 5903714	19112 19081	0	Pass Pass
Predelay:	1. 50			Passive	cycle rate	e data				
Gate length: 2nd gate length: High voltage: Die away time: Efficiency:	64. 00 64. 00 1720 50. 0000 0. 1620			Cycle 1 2 3 4	Singles 39325, 309 39365, 868 39324, 957 39337, 928	6570 6729 7 6675 8 6677	ubles 0. 029 0. 644 5. 992 7. 864	Triples 0.000 0.000 0.000 0.000	Mass 0. 000 0. 000 0. 000 0. 000	Pass Pass Pass
Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction:	86. 5000 0. 3457 0. 0299 0. 0000 0. 0001			5 6 7 8 9	39357. 695 39364. 374 39334. 253 39338. 545 39372. 966	4 6713 3 6787 9 6694	1. 339 3. 894 7. 993 1. 236). 794	0. 000 0. 000 0. 000 0. 000 0. 000	0. 000 0. 000 0. 000 0. 000 0. 000	Pass Pass Pass
Triples gate fraction:	0. 0001	000		10	39335. 126		9. 238	0. 000	0. 000	
Normalization constant: Passive singles bkgrnd:	1.0000 +- 0.0 0.000 +- 0.0									
Passive doubles bkgrnd:	0.000 +- 0.0									

```
202001_AFAS-P Collar_Position9.txt
                                                                                                                                                                                                                                                                                                                    202001_AFAS-P Collar_Position9.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                        0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                         Passive triples bkgrnd:
Passive scaler1 bkgrnd:
   Facility: JMOX
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                         Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                           Number passive cycles:
                                                                                                                                                                                                                                                                      Count time (sec)
   Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                      Passive error messages
                                                       20. 01. 09 14:43:32
01904332. VER
                                                                                                                                                                                                                                                      No passive calibration curve calibration
No known alpha calibration
            PC9 202001
                                                                                                                                                                                                                                                      Results
                                                       XXXX
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                       Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                7508. 826 +-
248. 145 +-
0. 000 +-
1061. 165 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                               Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                                                                                                                                    1.668
                                                                                                                                                                                                                                                                                                              Scaler 1:
                                                                                                                                                                                                                                                                                                             Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                   0.000
         QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                       On
Sample method
Measured
                                                                                                                                                                                                                                                      Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                        Scaler2 QC Tests
0 Pass
0 Pass
                                                                                                                                                                                                                                                                       Singles
450758
449443
                                                                                                                                                                                                                                                                                                  R+A
231968
229370
                                                                                                                                                                                                                                                      Cycle
                                                                                                                                                                                                                                                                                                                                                  Scaler1
                                                                                                                                                                                                                                                                                                                          216800
214565
                                                                                                                                                                                                                                                                                                                                                     63894
63731
                       Isotopics id: Default
                                                                                                                                                                                                                                                                                                                          214565
216184
216765
216393
215232
215820
216914
217148
214968
                                                       0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
   Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                          451253
450358
450892
449628
                                                                                                                                                                                                                                                                                                  232606
230488
230637
229993
                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                     63316
                                                                                                                                                                                                                                                                                                                                                                                     0
0
0
0
0
0
0
                                                                                      0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                          0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                  231050
230192
231800
231186
                                                                                                                                                                                                                                                                          449721
450053
                                                                                                                                                                                                                                                                                                                                                     63541
                                      Pu241:
                                      Pu242:
                                                                                                                                                                                                                                                                                                                                                     63375
                                 Pu date:
Am241:
Am date:
                                                       00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                          450312
449955
                                                                                                             20. 01. 09
                                                                                                                                                                                                                                                                                                                                                     63246
                                                                                                             0.0000 +-
20.01.09
                                                                                      0.0000
                                                                                                                                           0.0000
                                                                                                                                                                                                                                                           10
                                                                                                                                                                                                                                                      Passive cycle rate data
                Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                              1.50
64.00
                                                                                                                                                                                                                                                      Cycle
                                                                                                                                                                                                                                                                              Singles
                                                                                                                                                                                                                                                                                                                                            Triples
                                                                                                                                                                                                                                                                                                                                                                                 Mass QC Tests
                                                                                                                                                                                                                                                                                                             Doubles |
                                                          64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3457
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                             7517. 516
7495. 571
7525. 777
7510. 841
                                                                                                                                                                                                                                                                                                             253. 458
247. 390
274. 413
229. 311
                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                             7519. 752
7498. 658
                                                                                                                                                                                                                                                                                                             238. 018
246. 655
                                                                                                                                                                                                                                                                                                                                                0.000
0.000
                                                                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                                                                                                                                              Pass
                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                             7500. 210
7505. 751
7510. 073
7504. 115
                                                                                                                                                                                                                                                                                                             254. 492
221. 875
244. 835
271. 002
                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                1.0000 +-
 Normalization constant:
                                                                                             0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                0.000 +-
0.000 +-
                                                                                               (1)
                                                                                                                                                                                                                                                                                                                                                      (2)
```

	202001_AFAS-P Collar_Position10.txt	202001_AFAS-P Collar_Position10.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	AFAS JSR_03	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name: Inspection number:	20. 01. 09 14: 59: 37 01905937. VER	No passive calibration curve calibration No known alpha calibration
Item id: Stratum id:	XXXX	Results
Material type: Original declared mass: Measurement option: Data source: QC tests: Error calculation:	0. 000	Singles: 3180.472 ← 2.942 Doubles: 42.400 ← 1.607 Triples: 0.000 ← 0.000 Scaler 1: 2415.502 ← 1.997 Scaler 2: 0.000 ← 0.000
Accidentals method: Inspector name:		Passive cycle raw data
Passive comment: Isotopics id: Isotopics source code: Pu238: Pu209: Pu240: Pu241: Pu242: Pu date: Am241: Am date	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 1 90266 41093 38443 144466 0 Pass 2 190539 41247 38873 144524 0 Pass 3 190689 41404 38464 144596 0 Pass 4 190099 40944 38472 144829 0 Pass 5 191146 41486 39343 145405 0 Pass 6 190973 41815 39008 145112 0 Pass 7 191926 42133 39385 144847 0 Pass 8 191051 41928 39157 145088 0 Pass 9 190129 41045 39057 145623 0 Pass 10 190941 41320 38801 144801 0 Pass
Predelay:	1,50	Passive cycle rate data
Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient G deadtime: Doubles gate fraction: Triples gate fraction:	64. 00 64. 00 1720 50. 0000 0. 1620 86. 5000 0. 3457 0. 0299 0. 00000 0. 0001	Cycle Singles Doubles Triples Mass QC Tests 1 3171,969 44,215 0.000 0.000 Pass 2 3176,522 39,610 0.000 0.000 Pass 3 3179,023 49,054 0.000 0.000 Pass 4 3169,185 41,245 0.000 0.000 Pass 5 3186,644 35,756 0.000 0.000 Pass 6 3183,759 46,835 0.000 0.000 Pass 7 3196,651 45,851 0.000 0.000 Pass 8 3185,060 46,234 0.000 0.000 Pass 9 3169,685 33,170 0.000 0.000 Pass 10 3183,226 42,030 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000	
	(1)	(2)

```
202001_AFAS-P Top Fork_Position1.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                                     Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                        0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                    0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                      Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                                        Number passive cycles:
                                                                                                                                                                                                                                                                                    Count time (sec)
                                                          JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                   Passive error messages
                                                          20. 01. 09 09:27:03
019J2703. VER
                                                                                                                                                                                                                                                                   No known alpha calibration
            Results
                                                          PT1 202001
                                                                                                                                                                                                                                                                                                                             Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                       38.613 +-
                                                          XXXX
                                                                                                                                                                                                                                                                                                                                                                                                       0.206
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                       -0. 003 +-
0. 000 +-
96. 520 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                       0. 015
0. 000
0. 361
0. 000
                                                          Sample method
Measured
                                                                                                                                                                                                                                                                   Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                           Singles
2301
                                                                                                                                                                                                                                                                                                                                                                   Scaler 1
5789
5734
5765
                                                                                                                                                                                                                                                                    Cycle
                                                                                                                                                                                                                                                                                             2256
2345
                        Isotopics id:
                                                          Default
                                                          0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                             2319
2271
2369
2336
2337
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                         5870
5771
5787
5912
                                                                                                                                                                                                                                                                                                                                                                                                         0
0
0
0
0
0
                                                                                          0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                  0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                 0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                           3
12
10
                                                                                                                                                                                                                                                                                                                                                                        5683
5750
5851
                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
                                                                                                                                                                                                                                                                         8
9
10
                                         Pu241:
                                         Pu242:
                                                                                                                                                                                                                                                                                             2276
2358
                                   Pu date:
Am241:
Am date:
                                                          00. 01. 01
0. 0000
00. 01. 01
                                                                                                                  20. 01. 09
                                                                                                                  0.0000 +-
20.01.09
                                                                                           0.0000
                                                                                                                                                  0.0000
                                                                                                                                                                                                                                                                   Passive cycle rate data
                                                            1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                             Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                             Doubles
0. 017
0. 033
-0. 017
-0. 017
-0. 017
                                                                                                                                                                                                                                                                                             Singles
38.350
                                                                                                                                                                                                                                                                   Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                  Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                               37. 600
39. 083
38. 650
37. 850
                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                 0. 067
0. 033
0. 000
-0. 117
-0. 017
                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                          6
7
                                                                                                                                                                                                                                                                                               39. 483
38. 933
                                                                                                                                                                                                                                                                                               38. 950
37. 933
39. 300
                                                                    1.0000 +-
 Normalization constant:
                                                                                                   0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                    0.000 +-
0.000 +-
                                                                                                    (1)
                                                                                                                                                                                                                                                                                                                                                                        (2)
```

	202001_AFAS-P Top Fork_Position2.txt	202001_AFAS-P Top Fork_Position2.txt
INCC 5. 1. 2		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000
Facility: Material balance area: Detector type:	JMOX JM2G AFAS	Passive scaler2 bkgrnd: 0.000 Number passive cycles: 10
Detector id: Electronics id: Inventory change code:	JSR 02 JSR-12	Count time (sec): 60 Passive error messages
I/O code: Measurement date: Results file name:	20. 01. 09 09: 45: 08 019.J4508, VER	No known alpha calibration
Inspection number: Item id:	PT2 202001	Results
Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification Review disk file	Singles: 59,313 + 0.224 Doubles: 0.008 + 0.017 Triples: 0.000 + 0.000 Scaler 1: 164,632 + 0.803 Scaler 2: 0.000 + 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 3589 11 13 9677 0 Pass 2 3620 18 18 9826 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu299: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 3526 16 16 9948 0 Pass 4 3591 13 13 9945 0 Pass 5 3578 12 16 9930 0 Pass 6 3569 14 13 9758 0 Pass 7 3589 18 19 9631 0 Pass 8 3507 18 13 9977 0 Pass 9 3527 19 12 9961 0 Pass 10 3492 11 12 10126 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: Normalization constant:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 1.	Cycle Singles Doubles Triples Mass QC Tests 1 59.817 -0.033 0.000 0.000 0.000 Pass 2 60.333 0.000 0.000 0.000 0.000 9.000 3 58.767 0.000 0.000 0.000 0.000 Pass 4 59.850 0.000 0.000 0.000 Pass 5 59.633 -0.067 0.000 0.000 Pass 6 59.483 0.017 0.000 0.000 Pass 7 59.817 -0.017 0.000 0.000 Pass 9 58.783 0.117 0.000 0.000 Pass 10 58.200 -0.017 0.000 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000	
	(1)	(2)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                     Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                           0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                         0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                     Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                                       Number passive cycles:
                                                                                                                                                                                                                                                                                                    Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                  Passive error messages
                                                              20. 01. 09 10:01:12
019K0112. VER
                                                                                                                                                                                                                                                                                  No known alpha calibration
             Results
                                                              PT3 202001
                                                                                                                                                                                                                                                                                                                                               Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                         222.852 +-
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                              0.556
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                           -0. 037 +-
0. 000 +-
52. 432 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                              0. 096
0. 000
0. 326
0. 000
                                                              Sample method
Measured
                                                                                                                                                                                                                                                                                  Passive cycle raw data
                                                                                                                                                                                                                                                                                                     Singles
13459
13454
13513
                                                                                                                                                                                                                                                                                                                                      R+A
214
193
213
171
206
196
201
197
185
210
                                                                                                                                                                                                                                                                                                                                                                   A
219
203
210
                                                                                                                                                                                                                                                                                                                                                                                        Scaler 1
3115
3102
3276
                                                                                                                                                                                                                                                                                                                                                                                                                  Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                   Cycle
                         Isotopics id: Default
                                                             0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                              3088
3202
3106
3169
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                            13303
                                                                                                                                                                                                                                                                                                                                                                      193
178
196
195
211
215
188
                                                                                                                                                                                                                                                                                                                                                                                                                                0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                          0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                            13484
13425
13234
                                                                                                                                                                                                                                                                                                                                                                                             3193
3116
3092
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
                                                                                                                                                                                                                                                                                        8
9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                            13283
                                           Pu242:
                                                                                                                                                                                                                                                                                                            13253
13303
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                         20. 01. 09
                                                                                                                         0.0000 +-
20.01.09
                                                                                                0.0000
                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                  Passive cycle rate data
                                                               1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                 Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                               Doubles
-0. 083
-0. 167
0. 050
-0. 367
0. 467
                                                                                                                                                                                                                                                                                                             Singles
224.317
                                                                                                                                                                                                                                                                                  Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                         Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                             224. 233
225. 217
221. 717
224. 733
                                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                   0. 407
0. 000
0. 100
-0. 233
-0. 500
0. 367
                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                          6
                                                                                                                                                                                                                                                                                                              223. 750
220. 567
                                                                                                                                                                                                                                                                                                             221. 383
220. 883
221. 717
                                                                        1.0000 +-
 Normalization constant:
                                                                                                        0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                             (2)
```

	202001_AFAS-P Top Fork_Position4.txt	202001_AFAS-P Top Fork_Position4.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JSR_02	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
	20. 01. 09 10:18:17 019K1817. VER	No known alpha calibration
Inspection number: Item id:		Results
Stratum id: Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file	Sing les: 860, 265 ← 1, 378 Doub les: 2, 505 ← 0, 379 Triples: 0, 000 ← 0, 000 Scaler 1: 42, 832 ← 0, 236 Scaler 2: 0, 000 ← 0, 000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	measureu	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 51828 3052 2875 2516 O Pass 2 51956 2980 2540 O Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3 51730 2975 2898 2622 0 Pass 4 51691 3028 2879 2636 0 Pass 5 51329 2975 2854 2529 0 Pass 6 51800 3125 2903 2621 0 Pass 7 51477 2983 2743 2547 0 Pass 8 51809 2910 2870 2580 0 Pass 9 51161 2980 2818 2525 0 Pass 10 51378 3072 2831 2583 0 Pass
Am date:	00. 01. 01	Passive cycle rate data Cycle Singles Doubles Triples Mass QC Tests
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient G deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0126 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0001	Cycle Singles Doubles Triples Mass CC Tests 1 863.800 2.950 0.000 0.000 pass 2 865.933 1.233 0.000 0.000 pass 3 862.167 1.283 0.000 0.000 0.000 pass 4 861.517 2.483 0.000 0.000 pass 5 855.483 2.017 0.000 0.000 pass 6 863.333 3.700 0.000 0.000 pass 7 867.950 4.000 0.000 0.000 pass 8 863.483 0.667 0.000 0.000 pass 9 852.683 2.700 0.000 0.000 pass 10 856.300 4.017 0.000 0.000 pass
Normalization constant:	1. 0000 +- 0. 0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000	
	(1)	(2)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                       Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                              0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                            0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_02
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                                          Number passive cycles:
                                                                                                                                                                                                                                                                                                      Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                     Passive error messages
                                                              20. 01. 09 10:34:21
019K3421. VER
                                                                                                                                                                                                                                                                                     No known alpha calibration
             Results
                                                              PT5 202001
                                                                                                                                                                                                                                                                                                                                                  Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                          2620, 123 +-
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                 1.825
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                              27. 208 +-
0. 000 +-
46. 373 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 938
0. 000
0. 256
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                     Passive cycle raw data
                                                                                                                                                                                                                                                                                                       Singles
156753
157378
157074
                                                                                                                                                                                                                                                                                                                                        R+A
27626
28094
28161
                                                                                                                                                                                                                                                                                                                                                                                           Scaler 1
2821
2816
2831
                                                                                                                                                                                                                                                                                                                                                                                                                     Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                                                   A
26145
26424
26446
                         Isotopics id: Default
                                                             0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                   26822
26693
26306
26358
26462
26269
26431
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                        28066
28225
28042
28216
                                                                                                                                                                                                                                                                                                                                                                                                2785
2704
2721
2801
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                            157480
                                                                                                                                                                                                                                                                                                                                                                                                                                   0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                           157262
157222
157383
                                                                                                                                                                                                                                                                                                          156491
157432
157599
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                           Pu241:
                                                                                                                                                                                                                                                                                                                                         28060
                                                                                                                                                                                                                                                                                                                                                                                                 2838
                                           Pu242:
                                                                                                                                                                                                                                                                                                                                         27968
28223
                                                                                                                                                                                                                                                                                                                                                                                                 2779
2728
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                                          10
                                                                                                                          20. 01. 09
                                                                                                                          0. 0000 +-
20. 01. 09
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                     Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                    Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                             Singles
2612.550
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                                                                 Doubles 24, 683 27, 833 28, 583 20, 733 25, 533 28, 933 30, 967 26, 633 28, 317 29, 867
                                                                                                                                                                                                                                                                                     Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
0.000 Pass
                                                                 64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                              2622. 967
2617. 900
2624. 667
2621. 033
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                            6
7
                                                                                                                                                                                                                                                                                                              2620. 367
2623. 050
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
                                                                                                                                                                                                                                                                                                             2623. 050
2608. 183
2623. 867
2626. 650
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                        1.0000 +-
 Normalization constant:
                                                                                                        0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                (2)
```

	202001_AFAS-P Top Fork	_Position6.txt						202001_	AFAS-	P Top Fork_F	Position6.txt
INCC 5.1.2 Facility:	JMOX				Passi	ve triples bk ve scaler1 bk ve scaler2 bk	grnd:	0. 00 0. 00 0. 00		0.000	
Material balance area: Detector type: Detector id:	JM2G AFAS JSR_02					er passive cy Count time (cles:	1	0		
Electronics id: Inventory change code: I/O code:	JSR-12				Passiv	e error messa	iges				
Measurement date: Results file name: Inspection number:	20. 01. 09 10:49:25 019K4925. VER				No know	vn alpha cali s	bration	1			
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	PT6 202001 XXXX Pu 0.000 Verification Review disk file On						5	Singles: Doubles: Triples: Scaler 1: Scaler 2:		33. 582 - 0. 027 - 0. 000 - 2252. 722 - 0. 000 -	→ 0.018→ 0.000→ 2.418
Error calculation: Accidentals method:	Sample method Measured				Passiv	e cycle raw d	lata				
Inspector name: Passive comment:	model of				Cycle 1 2	Singles 2004 1987	R+A	A 9 2	5 2	Scaler1 135481 134916	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am date:	Default 00 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01.01 0.0000 ← 0.0000 0.01.01 0.0000 ← 0.0000 0.01.01	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 20.01.09 0.0000 +- 20.01.09	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000		3 4 5 6 7 8 9	2084 2037 1980 2023 1935 2016 2079 2004	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9 4	2 1 7 4 5 4 4 3	135576 135170 135052 135653 135423 135133 134049 135180	O Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001				Cycle 1 2 3 4 5 6 7 8 9 10	Singles 33. 400 33. 117 34. 733 33. 950 33. 000 33. 717 32. 250 33. 600 34. 650 33. 400	1	0.000 les 0.067 0.000 -0.017 0.133 -0.050 0.000 -0.017 0.083 0.067 0.000		Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant:	1.0000 +- 0.0000										
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 + 0.000 0.000 + 0.000										
	(1)									(2)	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                             0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                             Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                               Number passive cycles:
                                                                                                                                                                                                                                                                                           Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                          Passive error messages
                                                            20. 01. 09 11:05:29
019L0529. VER
                                                                                                                                                                                                                                                                          No known alpha calibration
             Results
                                                            PT7 202001
                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                30, 263 +-
                                                                                                                                                                                                                                                                                                                                                                                                                 0.241
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                             -0. 020 +-
0. 000 +-
773. 075 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                 0. 016
0. 000
1. 136
0. 000
                                                            Sample method
Measured
                                                                                                                                                                                                                                                                          Passive cycle raw data
                                                                                                                                                                                                                                                                                           Singles
1866
                                                                                                                                                                                                                                                                                                                                                                            Scaler 1
46322
46659
46077
                                                                                                                                                                                                                                                                                                                                                                                                     Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                     1866
1827
                         Isotopics id:
                                                            Default
                                                            0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                46262
46132
46510
46700
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                     1808
                                                                                                                                                                                                                                                                                                                                                                                                                   0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                     0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                    1810
1861
1753
                                                                                                                                                                                                                                                                                                                                                                                46245
                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
                                                                                                                                                                                                                                                                               8
9
10
                                          Pu241:
                                                                                                                                                                                                                                                                                                     1791
                                          Pu242:
                                                                                                                                                                                                                                                                                                     1736
                                                                                                                                                                                                                                                                                                                                                                                46559
46379
                                    Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000
00. 01. 01
                                                                                                                     20. 01. 09
                                                                                                                     0.0000 +-
20.01.09
                                                                                             0.0000
                                                                                                                                                      0.0000
                                                                                                                                                                                                                                                                          Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                      Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                     Doubles
-0. 017
-0. 117
-0. 033
0. 000
0. 050
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                                                    Singles
                                                                                                                                                                                                                                                                          Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                      31. 100
31. 100
30. 450
30. 133
30. 167
                                                               64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                        -0. 050
0. 000
0. 050
-0. 050
-0. 033
                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                 6
7
                                                                                                                                                                                                                                                                                                       31. 017
29. 217
                                                                                                                                                                                                                                                                                                      29. 850
28. 933
30. 667
                                                                      1.0000 +-
 Normalization constant:
                                                                                                     0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                  (2)
```

	202001_AFAS-P Top Fork_Position8.txt	202001_AFAS-P Top Fork_Position8.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JM26 AFAS JSR_02 JSR-12	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	J5R-12	Passive error messages
Measurement date: Results file name: Inspection number:	20.01.09 11:25:35 019L2535. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	PT8 202001 XXXX Pu 0.000 Verification Review disk file	Singles: 44.425 ← 0.235 Doubles: −0.007 ← 0.023 Triples: 0.000 ← 0.000 Scaler 1: 226.767 ← 0.752 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 2667 9 10 13402 0 Pass 2 2665 6 8 13542 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2 2608 0 13372 0 7ass 3 2608 6 10 13772 0 7ass 4 2657 3 9 13667 0 7ass 5 2711 9 10 13698 0 7ass 6 2708 11 7 13407 0 7ass 7 2665 12 4 13831 0 7ass 8 2639 4 9 13599 0 7ass 9 2597 9 8 13622 0 7ass 10 2738 9 7 13520 0 7ass Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001	Cycle Singles Doubles Triples Mass QC Tests 1 44, 450 -0.017 0.000 0.000 9.000 Pass 2 44, 417 -0.033 0.000 0.000 Pass 3 43, 467 -0.067 0.000 0.000 Pass 4 44, 283 -0.100 0.000 0.000 Pass 5 45, 183 -0.017 0.000 0.000 Pass 6 45, 133 0.067 0.000 0.000 Pass 7 44, 417 0.133 0.000 0.000 Pass 8 43, 983 -0.083 0.000 0.000 Pass 9 43, 283 0.017 0.000 0.000 Pass 10 45, 633 0.033 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000	
	(1)	(2)

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                    0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                 Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                      0.000
                                                                                                                                                                                                                                                                                   Number passive cycles:
                                                                                                                                                                                                                                                                                               Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                              Passive error messages
                                                             20. 01. 09 14:43:27
01904327. VER
                                                                                                                                                                                                                                                                              No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                              Results
                                                             PT9 202001
                                                                                                                                                                                                                                                                                                                                          Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                    147, 742 +-
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                        0.441
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                      -0. 062 +-
0. 000 +-
93. 453 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                        0. 070
0. 000
0. 436
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                              Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                            R+A
82
75
82
76
95
98
75
80
68
77
                                                                                                                                                                                                                                                                                                                                                                                  Scaler 1
5704
5536
5671
                                                                                                                                                                                                                                                                               Cycle
                                                                                                                                                                                                                                                                                                                                                                   95
89
74
85
81
99
99
63
80
80
                                                                                                                                                                                                                                                                                                         8897
8927
                         Isotopics id: Default
                                                             0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                         8759
                                                                                                                                                                                                                                                                                                                                                                                        5453
5548
5702
5545
5624
5644
5645
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0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                         0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                         8865
9032
8873
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
                                                                                                                                                                                                                                                                                    8
9
10
                                          Pu241:
                                                                                                                                                                                                                                                                                                         8897
                                          Pu242:
                                                                                                                                                                                                                                                                                                         8853
                                     Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000
00. 01. 01
                                                                                                                                                                                                                                                                                                         8780
                                                                                                                       20. 01. 09
                                                                                               0.0000
                                                                                                                       0.0000 +-
20.01.09
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                              Passive cycle rate data
                                                               1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                            Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                          Doubles
-0. 217
-0. 233
0. 133
-0. 150
0. 233
                                                                                                                                                                                                                                                                                                         Singles
146.033
                                                                                                                                                                                                                                                                                                                                                                                                                  Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                              Cvcle
                                                                                                                                                                                                                                                                                                         148. 283
148. 783
145. 983
147. 750
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                             -0. 233
-0. 017
-0. 400
0. 283
-0. 200
-0. 050
                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                     6
7
                                                                                                                                                                                                                                                                                                          150, 533
                                                                                                                                                                                                                                                                                                          147 883
                                                                                                                                                                                                                                                                                                         148. 283
147. 550
146. 333
                                                                       1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                        (2)
```

	202001_AFAS-P Top Fork_Position10). txt			20200	1_AFAS-P	Top Fork_Po	osition10.txt
INCC 5.1.2	JMOX		Passiv	re triples bkg re scaler1 bkg re scaler2 bkg	grnd: 0.	000 +- 000 000	0.000	
Material balance area: Detector type: Detector id: Electronics id:	JM2G AFAS JSR_02		Numbe	er passive cyc Count time (s	cles:	10 60		
Inventory change code:	J5R-12		Passive	e error messag	ges			
Results file name:	20. 01. 09 14:59:31 01905931. VER			n alpha calib	bration			
Inspection number: Item id: Stratum id:	PT10 202001 XXXX		Results	3	Single	es:	89. 078 +	- 0. 270
Material type: Original declared mass: Measurement option: Data source: QC tests:	Pu 0.000 Verification Review disk file On				Double Triple Scaler Scaler	es: es: 1:	0. 035 + 0. 000 + 75. 592 + 0. 000 +	- 0. 053 - 0. 000 - 0. 296
Error calculation: Accidentals method:	Sample method Measured		Passive	cycle raw da	ata			
Inspector name: Passive comment:			Cycle 1 2	Singles 5246 5368	R+A 41 26	A 23 29	Scaler1 4558 4549	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default 0D 0.0000 +- 0.0000 0.0000 100.0000 +- 0.0000 100.0000 0.0000 +- 0.0000 0.0000 0.0000 +- 0.0000 0.0000 0.0000 +- 0.0000 0.0000 0.01.01 0.0000 0.0000 +- 0.0000 0.0000 0.0000 +- 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	+- 0.0000 +- 0.0000 +- 0.0000 +- 0.0000	3 4 5 6 7 8 9	5384 5353 5379 5409 5342 5274 5320 5372	34 42 25 31 34 32 17	36 28 29 36 37 35 25	4491 4438 4539 4656 4529 4513 4565 4517	O Pass
Predelay:	1.50 64.00 64.00 1720 50.0000 0.0126 0.0000 0.0000 0.0000 0.0000 0.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000		Cycle 1 2 3 4 5 6 7 8 9	Singles 87. 433 89. 467 89. 733 89. 217 89. 650 90. 150 89. 033 87. 900 88. 667 89. 533	Doubles 0, 300 -0, 050 -0, 033 0, 233 -0, 066 -0, 086 -0, 056 -0, 133 0, 283)) 3 3 3 7 3 3 0	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000 0.000 +- 0.000							

202002_AFAS-B Bottom Fork_Position1.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                   Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                          0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                       0.000
   Facility: PFPF
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_02
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                    Passive scaler2 bkgrnd
                                                                                                                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                                      Number passive cycles:
                                                                                                                                                                                                                                                                                                  Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                 Passive error messages
                                                             20. 02. 05 09:24:57
025J2457. VER
                                                                                                                                                                                                                                                                                 No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                 Results
                                                             BB01 202002
                                                                                                                                                                                                                                                                                                                                              Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                          38.357 +-
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                            0.296
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                          0. 013 +-
0. 000 +-
94. 788 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 010
0. 000
0. 452
0. 000
                                                             On
Sample method
Measured
JAEA
                                                                                                                                                                                                                                                                                 Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                               Singles
2203
2311
2240
                                                                                                                                                                                                                                                                                                                                                                                      Scaler 1
5659
5769
5680
                                                                                                                                                                                                                                                                                  Cycle
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                            2323
2319
2316
2309
                                                                                                                                                                                                                                                                                                                                                                                            5543
5603
5607
5731
                                                                                                                                                                                                                                                                                                                                                                                                                              0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                          0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
                                                                                                                                                                                                                                                                                       8
9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                             2279
                                                                                                                                                                                                                                                                                                                                                                                            5700
                                           Pu242:
                                                                                                                                                                                                                                                                                                            2297
2417
                                                                                                                                                                                                                                                                                                                                                                                            5811
5770
                                     Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000
00. 01. 01
                                                                                                                        20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                 Passive cycle rate data
                                                               1. 50
64. 00
64. 00
1720
50. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                              Doubles
0. 033
0. 017
0. 000
-0. 017
0. 000
                                                                                                                                                                                                                                                                                                            Singles
36.717
                                                                                                                                                                                                                                                                                                                                                                                                                      Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                 Cvcle
                                                                                                                                                                                                                                                                                                               38. 517
37. 333
38. 717
38. 650
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 083
-0. 017
0. 000
0. 050
-0. 017
                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                        6
7
                                                                                                                                                                                                                                                                                                               38. 600
38. 483
                                                                                                                                                                                                                                                                                                              37. 983
38. 283
40. 283
                                                                        1.0000 +-
                                                                                                        0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                            (2)
```

	202002_AFAS-B Bottom Fork_Position2.txt	202002_AFAS-B Bottom Fork_Position2.txt
INCC 5. 1. 2		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000
Facility: Material balance area: Detector type:	JM2G	Passive scaler2 bkgrnd: 0.000 Number passive cycles: 10
Detector id: Electronics id:	JSR_02	Count time (sec): 60
Inventory change code:	00.00.05 00.41.01	Passive error messages
Measurement date: Results file name: Inspection number:	20. 02. 05 09:41:01 025J4101. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file	Singles: 58.883 ← 0.275 Doubles: 0.042 ← 0.027 Triples: 0.000 ← 0.000 Scaler 1: 161.915 ← 0.524 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	JAEA	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 3565 14 17 9829 0 Pass 2 3526 20 10 9664 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu229: Pu240: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 00.01.01 20.022.05 0.0000 0.0000 00.01.01 0.0000 0.0000 0.0000 00.01.01 0.0000 0.0000 0.0000	2 3526 20 10 9004 0 Pass 3 3577 16 13 9764 0 Pass 4 3528 13 9 9848 0 Pass 5 3567 20 17 9791 0 Pass 6 3469 10 14 9505 0 Pass 7 3632 15 9 9693 0 Pass 8 3486 23 14 9696 0 Pass 9 3474 15 13 9674 0 Pass 10 3506 15 20 9685 0 Pass
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Coefficient Coedficient Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 1.0000 ← 0.0000	Cycle Singles Doubles Triples Mass QC Tests 1 59,417 -0.050 0.000 0.000 pass 2 58.767 0.167 0.000 0.000 pass 3 59.617 0.050 0.000 0.000 pass 4 58.800 0.067 0.000 0.000 pass 5 59.450 0.050 0.000 0.000 pass 6 57.817 -0.067 0.000 0.000 pass 7 60.533 0.100 0.000 0.000 pass 8 58.100 0.150 0.000 0.000 pass 9 57.900 0.033 0.000 0.000 pass 10 58.433 -0.083 0.000 0.000 pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000	

202002_AFAS-B Bottom Fork_Position3.txt

```
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.000 +-
0.000
INCC 5. 1. 2
Facility:

Material balance area:

Detector type:
Detector id:
Detector id:
Detector id:
Detector id:
Detector id:
JSR_02
Electronics id:
JSR_12
Inventory change code:
I_0 code:
Measurement date:
Results file name:
Inspection number:
Item id:
Stratum id:
XXXX
Material type:
Pu
Original declared mass:
Measurement option:
Data source:
QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:

JAEA

JAEA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                          20. 02. 05 09:58:06
025J5806. VER
                                                                                                        BB03 202002
XXXXX
Pu
0.000
Verification
Review disk file
On
Sample method
Measured
JAEA
      topics id: Default urce code: CO
Pu238: 0.0000 +-
Pu249: 0.0000 +-
Pu241: 0.0000 +-
Pu241: 0.0000 +-
Pu2422: 0.0000 +-
Pu date: 00.01.01
Am241: 0.0000 +-
Am date: 00.01.01
                                                                                                                                                                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
20.02.05
0.0000 +-
20.02.05
                                                                                                                                                                  0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                      0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                     0.0000
                                                                                                                                                                                                                                                                        0.0000
 Predelay.

Predelay.

Gate length:

2nd gate length:

High voltage:
Die away time:
Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                            1. 50
64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
   Normalization constant:
                                                                                                                           1.0000 +-
                                                                                                                                                                                 0.0000
   Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                                                                           0.000 +-
0.000 +-
                                                                                                                                                                                     (1)
```

griiu. v.	000		
	10 60		
ges			
bration			
Double Triple Scaler	es: es: 1:	217. 878 + 0. 085 + 0. 000 + 52. 180 + 0. 000 +	- 0. 102 - 0. 000 - 0. 412
ata			
R+A 185 193 175 181 194 214 190 175 196 173	A 168 210 195 169 177 183 177 200 174 172	Scaler 1 3190 3147 3228 3042 3137 3166 3133 2991 3218 3056	Scaler2 QC Tests
0. 283 -0. 283 -0. 333 0. 200 0. 283 0. 517 -0. 417 -0. 417	3 3 3 3 7 7	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
		(2)	
	cles: sec): ges bration Single Double Triple Scaler Scaler ata R+A 185 193 175 181 194 214 190 175 196 173 data Double 0. 283 -0. 233 0. 200 0. 283 0. 517 0. 217 -0. 417 0. 36	cles: 10 sec): 60 ges bration Singles: Doubles: Triples: Scaler 1: Scaler 2: ata R+A A 185 168 193 210 175 195 181 169 194 177 214 183 190 177 175 200 196 174 173 172	cles: 10 sec): 60 ges bration Singles: 217.878 4 Doubles: 0.085 Triples: 0.000 4 Scaler 1: 52.180 4 Scaler 2: 0.000 4 ata R+A A Scaler1 185 168 3190 193 210 3147 175 195 3228 181 169 3042 194 177 3137 214 183 3166 190 177 3133 3166 190 177 3133 3175 200 2991 196 174 3218 173 172 3056 data Doubles Triples 0.283 0.000 -0.283 0.000 -0.283 0.000 -0.283 0.000 -0.283 0.000 -0.283 0.000 -0.283 0.000 -0.283 0.000 -0.283 0.000 -0.20 0.000 0.283 0.000 -0.20 0.000 0.283 0.000 -0.217 0.000 0.217 0.000 0.017 0.000 0.017 0.000

00000 AFAC D Dettem Feet Desition4 test	202003

	202002_AFAS-B Bottom Fork_Position4.txt	202002_AFAS-B Bottom Fork_Position4.txt				
INCC 5.1.2 Facility:		Passive triples bkg Passive scaler1 bkg Passive scaler2 bkg	rnd: 0.000	0.000		
Material balance area: Detector type: Detector id: Electronics id:	AFAS JSR_02	Number passive cyc Count time (s				
Inventory change code: I/O code:		Passive error messag	res			
Measurement date: Results file name:	20. 02. 05 10:15:10 025K1510. VER	No known alpha calib	ration			
Inspection number: Item id:		Results				
Stratum id: Material type: Original declared mass:			Singles: Doubles: Triples:	843. 212 +- 1. 579 2. 315 +- 0. 168 0. 000 +- 0. 000		
Measurement option: Data source: QC tests:	Verification Review disk file On		Scaler 1: Scaler 2:	42. 028 +- 0. 353 0. 000 +- 0. 000		
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw da	ita			
Inspector name: Passive comment:	Medisureu JAEA	Cycle Singles 1 50274 2 50500	R+A A 2837 2715 2809 2673	Scaler1 Scaler2 QC Tests 2456 0 Pass 2554 0 Pass		
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241:		3 50426 4 50596 5 50578 6 51209 7 50152 8 50855	2925 2721 2806 2666 2860 2739 3001 2856 2789 2665 2914 2808	2505 0 Pass 2464 0 Pass 2643 0 Pass 2542 0 Pass 2469 0 Pass 2477 0 Pass		
Pu242: Pu date: Am241:	$\begin{array}{llllllllllllllllllllllllllllllllllll$	9 50757 10 50580	2937 2754 2848 2740	2622 0 Pass 2485 0 Pass		
Am date:	00. 01. 01 20. 02. 05	Passive cycle rate d	lata			
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction: Normalization constant:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0006 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000	Cycle Singles 1 837, 900 2 841, 667 3 840, 433 4 843, 267 5 842, 967 6 853, 483 7 835, 867 8 847, 583 9 845, 950 10 843, 000	Doub I es 2. 033 2. 267 3. 400 2. 333 2. 017 2. 417 2. 067 1. 767 3. 050 1. 800	Triples Mass QC Tests 0.000 0.000 Pass 0.000 0.000 Pass		
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000					

202002_AFAS-B Bottom Fork_Position5.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                       Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                              0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                             0.000
   Facility: PFPF
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_02
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                        Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                                          Number passive cycles:
                                                                                                                                                                                                                                                                                                      Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                     Passive error messages
                                                              20. 02. 05 10:30:14
025K3014. VER
                                                                                                                                                                                                                                                                                     No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                      Results
                                                              BB05 202002
                                                                                                                                                                                                                                                                                                                                                  Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                          2569.875 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                  1.905
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                              29. 263 +-
0. 000 +-
45. 735 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                  1. 037
0. 000
0. 254
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              On
Sample method
Measured
JAEA
                                                                                                                                                                                                                                                                                     Passive cycle raw data
                                                                                                                                                                                                                                                                                                        Singles
153844
154267
154200
                                                                                                                                                                                                                                                                                                                                         R+A
26855
26991
27128
                                                                                                                                                                                                                                                                                                                                                                                           Scaler 1
2814
2780
2734
                                                                                                                                                                                                                                                                                                                                                                                                                     Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                      Cycle
                                                                                                                                                                                                                                                                                                                                                                    A
24850
25418
25218
                         Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                         27128
27270
27337
27002
26953
26861
                                                                                                                                                                                                                                                                                                                                                                    25218
25605
25393
25539
25253
25319
25394
25157
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                 2781
2758
2797
2690
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                            154872
                                                                                                                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                           154296
154440
154054
153939
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                  2708
                                           Pu241:
                                                                                                                                                                                                                                                                                           8
                                           Pu242:
                                                                                                                                                                                                                                                                                                            154432
                                                                                                                                                                                                                                                                                                                                         27375
26932
                                                                                                                                                                                                                                                                                                                                                                                                  2692
2687
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                          20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                                                                                                                                                                                                                           10
                                                                                                                                                                                                                                                                                                           153581
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                     Passive cycle rate data
                                                                                                                                                                                                                                                                                                             Singles
2564.067
2571.117
2570.000
2581.200
2571.600
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                    Triples
0.000
0.000
0.000
0.000
0.000
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                     Cvcle
                                                                                                                                                                                                                                                                                                                                                  Doubles
33, 417
                                                                                                                                                                                                                                                                                                                                                                                                                             Mass QC Tests
0.000 Pass
                                                                 64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                     26. 217
31. 833
27. 750
32. 400
24. 383
28. 333
25. 700
33. 017
29. 583
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                            6
7
                                                                                                                                                                                                                                                                                                              2574.000
2567.567
                                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
                                                                                                                                                                                                                                                                                                              2565. 650
2573. 867
2559. 683
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                        1.0000 +-
 Normalization constant:
                                                                                                         0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                 (2)
```

	202002_AFAS-B Bottom Fork_Position6.txt			202002_AFAS-B	Bottom Fork_Position6.txt
INCC 5.1.2	PEPE	Passiv	ve triples bkgrnd: ve scaler1 bkgrnd: ve scaler2 bkgrnd:	0.000 +- 0.000 0.000	0. 000
Material balance area: Detector type:	JM2G AFAS		er passive cycles:		
Detector id: Electronics id: Inventory change code:	JSR_02 JSR-12		Count time (sec):	60	
I/O code: Measurement date:	20. 02. 05 10:47:18		e error messages Un alpha calibrati	on	
Results file name: Inspection number: Item id:	025K4718. VER BB06_202002	Results	;		
Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification Review disk file			Singles: Doubles: Triples: Scaler 1: Scaler 2:	33.963 +- 0.242 -0.025 +- 0.017 0.000 +- 0.000 2212.643 +- 2.211 0.000 +- 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive	e cycle raw data	554767 2	0.000
Inspector name: Passive comment:	JAEA	Cycle 1 2	Singles R+A 1951 2073	8 3 2 4	Scaler1 Scaler2 QC Tests 132247 0 Pass 132792 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default CO 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01.01 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000	3 4 5 6 7 8 9	2049 2084 2007 2027 2031 2106 1995 2055	2 4 3 9 4 7 3 5 7 4 5 8 8 10 7 10 1 3	132/92 0 Pass 132982 0 Pass 133141 0 Pass 133658 0 Pass 132800 0 Pass 132602 0 Pass 132562 0 Pass 132587 0 Pass 132437 0 Pass
Am date:	00. 01. 01 20. 02. 05	Passive	cycle rate data		
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0060 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	Cycle 1 2 3 4 5 6 7 8 9	Singles 32.517 34.550 34.150 34.733 33.450 33.783 33.850 35.100 33.250 34.250	Doub les 0. 083 -0. 033 -0. 100 -0. 050 -0. 033 0. 050 -0. 050 -0. 033 -0. 050 -0. 033	Triples Mass QC Tests 0.000 0.000 Pass 0.000 Pass 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1. 0000 +- 0. 0000 0. 000 ← 0. 000				
Passive doubles bkgrnd:	0.000 + 0.000 0.000 + 0.000				
	(1)				(2)

0.000 +-0.000

202002_AFAS-B Bottom Fork_Position7.txt

```
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
INCC 5. 1. 2
    Facility: PFPF
Material balance area: JMZG
Detector type: AFAS
Detector id: JSSR-12
Inventory change code:
1/0 code:
Measurement date: 20.02.0
Results file name: O25L022
Inspection number:
Item id: BB07 20
Stratum id: XXXX
Material type: Pu
                                                                                                   20. 02. 05 11:02:22
025L0222. VER
                                                                                                BB07 202002
XXXXX
Pu
0.000
Verification
Review disk file
On
Sample method
Measured
JAEA
 Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                          Isotopics id: Default
                                                          topics id: Default urce code: CO
Pu238: 0.0000 +-
Pu249: 0.0000 +-
Pu241: 0.0000 +-
Pu241: 0.0000 +-
Pu2422: 0.0000 +-
Pu date: 00.01.01
Am241: 0.0000 +-
Am date: 00.01.01
      Isotopics 1d.
Isotopics source code:
Pu238:
Pu239:
Pu240:
Pu241:
                                                                                                                                                       0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                  0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                               20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                    0.0000
 Predelay.

Predelay.

Gate length:

2nd gate length:

High voltage:
Die away time:
Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                    1. 50
64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
   Normalization constant:
                                                                                                                   1.0000 +-
                                                                                                                                                                     0.0000
   Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                                                                   0.000 +-
0.000 +-
                                                                                                                                                                        (1)
```

	/e scaler1 bk /e scaler2 bk		0.000				
Numbe	er passive cy Count time (10 60				
Passive	e error messa	iges					
No know	vn alpha cali	bration					
Results	3						
		Do Tr Sca Sca	ngles: ubles: iples: ler 1: ler 2:		29. 510 -0. 008 0. 000 757. 540 0. 000	+- 0.0 +- 0.0 +- 0.8	16 00 06
Passive	e cycle raw d	lata					
Cycle 1 2 3 4 5 6 7 8 9 10	Singles 1773 1766 1731 1803 1857 1743 1724 1821 1717	R+A 3 0 5 4 5 5 2 4 4 3 0 0	A	4 6 3 1 5 3 5 5 0 4	Scaler1 45447 45686 45559 45494 45126 45467 45569 45323 45472 45381	Scaler2 0 0 0 0 0 0 0 0 0	QC Tests Pass Pass Pass Pass Pass Pass Pass P
Passive	cycle rate	data					
Cycle 1 2 3 4 5 6 7 8 9 10	Singles 29. 550 29. 433 28. 850 30. 050 30. 950 29. 050 28. 733 30. 350 28. 617 29. 517	-0 -0 0 0 0 0 -0 -0	bles . 017 . 100 . 033 . 050 . 000 . 033 . 050 . 017 . 050 . 067		Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000	Pass Pass Pass Pass Pass Pass Pass Pass
					(2)		

202002_AFAS-B	Bottom	Fork_Position8.txt	

	202002_AFAS-B Bottom Fork_Position8.txt					
INCC 5. 1. 2						
Facility: Material balance area: Detector type: Detector id: Electronics id: Inventory change code: 1/0 code:	PFPF JM2G AFAS JSR_02 JSR-12					
Measurement date: Results file name: Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option:	20.02.05 11: 025L1927.VER BB08 202002 XXXX Pu 0.000 Verification					
Data source: QC tests: Error calculation: Accidentals method: Inspector name: Passive comment:	Review disk f On Sample method Measured JAEA	ile				
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am date:	Default CO	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 + 0.0000 + 100.0000 + 0.0000 + 0.0000 + 20.02.05 0.0000 + 20.02.05	- 0.0000 - 0.0000 - 0.0000 - 0.0000		
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0060 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001					
Normalization constant:	1.0000 +-	0.0000				
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 +-	0. 000 0. 000				

202002_AFAS-B	Bottom	Fork_Posi	tion8.	txt

		2020	JUZ_AFA5-I	BOTTOM FOR	K_POSTLIONO	. txt
Passiv	e triples bkg e scaler1 bkg e scaler2 bkg	rnd:	0.000 +- 0.000 0.000	0.000		
Numbe	r passive cyc Count time (s		10 60			
Passive	error messag	es				
No know	m alpha calib	ration				
Results	:					
		Dou Tri Scal	gles: bles: ples: er 1: er 2:	143. 318 0. 122 0. 000 90. 870 0. 000	+- 0.04 +- 0.00 +- 0.28	46 00 85
Passive	cycle raw da	ta				
Cycle 1 2 3 4 5 6 7 8 9	Singles 8762 8667 8597 8517 8782 8454 8621 8617 8538 8436	R+A 94 71 86 81 81 80 87 90 82 77	A 79 81 68 76 81 65 79 78 72 77	Scaler 1 5417 5408 5511 5427 5540 5477 5473 5353 5445	Scaler2 0 0 0 0 0 0 0 0 0	Pass Pass Pass Pass Pass Pass Pass Pass
Passive	cycle rate o	ata				
Cycle 1 2 3 4 5 6 7 8 9 10	Singles 146.033 144.450 143.283 141.950 146.367 140.900 143.683 143.617 142.300 140.600	-0. 0. 0. 0. 0. 0. 0.	250	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass 0. 000 0. 0	Pass Pass Pass Pass Pass Pass Pass Pass

0.000 +- 0.000 0.000

202002_AFAS-B Bottom Fork_Position9.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Passive triples bkgrnd:
Passive scaler1 bkgrnd:
    Facility: PFPF
Material balance area: JMZG
Detector type: AFAS
Detector id: JSSR-12
Inventory change code:
1/0 code:
Measurement date: 20.02.0
Results file name: O25L383
Inspection number:
Item id: BB09 20
Stratum id: XXXX
Material type: Pu
                                                                                                       20. 02. 05 11:38:32
025L3832. VER
                                                                                                     BB09 202002
XXXXX
Pu 0.000
Verification
Review disk file
On
Sample method
Measured
JAEA
 Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                          Isotopics id: Default
                                                            topics id: Default urce code: CO  
Pu238: 0.0000 +-  
Pu239: 0.0000 +-  
Pu240: 100.0000 +-  
Pu241: 0.0000 +-  
Pu242: 0.0000 +-  
Pu date: 00.01.01  
Am241: 0.0000 +-  
Am date: 00.01.01
     Isotopics Id.
Isotopics source code:
Pu238:
Pu239:
Pu240:
Pu241:
                                                                                                                                                                                                       0.0000 + 0.0000

0.0000 + 0.0000

100.0000 + 0.0000

0.0000 + 0.0000

0.0000 + 0.0000

20.02.05

0.0000 + 0.0000

20.02.05
                                                                                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                               0.0000
 Predelay.

Predelay.

Gate length:

2nd gate length:

High voltage:
Die away time:
Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                        1. 50
64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
   Normalization constant:
                                                                                                                        1.0000 +-
                                                                                                                                                                            0.0000
   Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                                                                        0.000 +-
0.000 +-
                                                                                                                                                                                (1)
```

	er passive cy Count time (10 60			
Passive	e error messa	ges				
No know	ın alpha cali	bration				
Results						
ineou i co	•	0:	al a sa	07 775	. 0.5	01
			gles: bles:	87. 775 0. 063		
			ples:	0.000	+− 0.0	00
			er 1:	75. 195		
		Scal	er 2:	0. 000	+- 0.0	00
Passive	cycle raw d	ata				
Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1 2	5330 5231	25 40	28 22	4470 4511	0	Pass Pass
3	5310	30	25	4555	0	Pass
4	5387	30	36	4508	0	Pass
5	5430	23	35	4605	0	Pass
6 7	5187	52 38	21 29	4568	0	Pass
8	5111 5267	26	31	4579 4381	0	Pass Pass
9	5295	31	31	4439	0	Pass
10	5117	32	31	4501	0	Pass
Passive	cycle rate	data				
Cycle	Singles	Doub	les	Triples	Mass	QC Test
1	88. 833	-0.		0.000	0.000	
2	87. 183 88. 500		300 083	0. 000 0. 000	0. 000 0. 000	
4	89. 783	-0.		0.000	0.000	
5	90. 500	-0.	200	0.000	0.000	Pass
6	86. 450		517	0.000	0.000	
7 8	85. 183 87. 783	0. -0.	150 ngg	0. 000 0. 000	0. 000 0. 000	
9	88. 250		000	0.000	0.000	
10	85. 283		017	0.000	0.000	

02002_AFAS-B	Bottom	Fork_	Position10. t	xt

	202002_AFAS-B	Bottom For	k_Position1	0. txt
INCC 5. 1. 2				
Facility: Material balance area: Detector type: Detector id: Electronics id: Inventory change code:	PFPF JM2G AFAS JSR_02 JSR-12			
I/O code: Measurement date: Results file name: Inspection number:	20. 02. 05 13: 025N0956. VER	09:56		
Item id: Stratum id: Material type: Original declared mass:	BB10 202002 XXXX Pu 0.000 Verification			
Measurement option: Data source: QC tests:	Review disk f On	ile		
Error calculation: Accidentals method: Inspector name: Passive comment:	Sample method Measured JAEA			
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 00.01.01 0.0000 +- 00.01.01	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	0.0000 + 0.0000 + 100.0000 + 0.0000 + 0.0000 + 20.02.05 0.0000 + 20.02.05	- 0.0000 - 0.0000 - 0.0000 - 0.0000
Am date: Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000		20. 02. 05	
Normalization constant:	1.0000 +-	0.0000		
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 +-	0. 000 0. 000		

202002	_AFAS-B	Bottom	Fork_	Position10.	txt

43.692 ← 0.297
43.692 ← 0.297
43.692 ← 0.297
43.692 ÷ 0.297
43.692 ÷ 0.297
43.692 + 0.297
0.012 + 0.025 0.000 + 0.000 222.703 + 0.663 0.000 + 0.000
Scaler1 Scaler2 QC Tests
13433 0 Pass
13416 0 Pass
13420 0 Pass
13388 0 Pass
13234 0 Pass
13377 0 Pass
13609 0 Pass
13169 0 Pass
13239 0 Pass 13337 0 Pass
13337 0 Pass
Triples Mass QC Tests
0.000 0.000 Pass
0. 000 0. 000 Pass
0.000 0.000 Pass
0.000 0.000 Pass
0.000 0.000 Pass

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                               0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                           0.000
    Facility: PFPF
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                           Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                             Number passive cycles:
                                                                                                                                                                                                                                                                                         Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                        Passive error messages
                                                           20. 02. 05 09:24:55
025J2455. VER
                                                                                                                                                                                                                                                                        No known alpha calibration
             Results
                                                           BC01 202002
XXXX
                                                                                                                                                                                                                                                                                                                                   Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                          1276, 461 +-
                                                                                                                                                                                                                                                                                                                                                                                                               0.982
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                          7. 056 +-
0. 000 +-
2458. 563 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                               0. 874
0. 000
1. 988
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           On
Sample method
Measured
JAEA
                                                                                                                                                                                                                                                                        Passive cycle raw data
                                                                                                                                                                                                                                                                                           Singles
76766
                                                                                                                                                                                                                                                                                                                           R+A
6698
6558
6646
                                                                                                                                                                                                                                                                                                                                                                          Scaler1
147231
147411
147643
                                                                                                                                                                                                                                                                                                                                                                                                   Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                         Cycle
                                                                                                                                                                                                                                                                                                                                                      A
6279
6344
6580
                                                                                                                                                                                                                                                                                                 76733
76741
                         Isotopics id: Default
                                                                                                                                                                                                                                                                                                                            6725
6665
6765
6686
6661
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                           0. 0000 +-
0. 0000 +-
100. 0000 +-
                                                                                                                                                                                                                                                                                                 76613
76115
76591
76495
                                                                                                                                                                                                                                                                                                                                                      6185
6047
6276
6217
                                                                                                                                                                                                                                                                                                                                                                            147466
147667
147108
147526
                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                 0
0
0
0
0
0
                                                                                            0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                    0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
                                                                0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                              8
9
10
                                                                                                                                                                                                                                                                                                                                                                             148402
                                         Pu241:
                                                                                                                                                                                                                                                                                                 76534
                                                                                                                                                                                                                                                                                                                                                      6106
6178
                                         Pu242:
                                                                                                                                                                                                                                                                                                 76596
76536
                                                                                                                                                                                                                                                                                                                             6600
                                                                                                                                                                                                                                                                                                                                                                             147082
147602
                                    Pu242:
Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                     20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                             0.0000
                                                                                                                                                     0.0000
                                                                                                                                                                                                                                                                        Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                 Singles
1279.696
                                                                  1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                    Triples
                                                                                                                                                                                                                                                                                                                                                                                                         Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                        Cvcle
                                                                                                                                                                                                                                                                                                                                    Doubles |
                                                                                                                                                                                                                                                                                                                                      6. 989
3. 570
1. 101
9. 007
10. 308
8. 157
7. 823
                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
0. 000
                                                              64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                 1279. 146
1279. 279
1277. 145
1268. 842
                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                               6
                                                                                                                                                                                                                                                                                                 1276. 778
1275. 178
                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
                                                                                                                                                                                                                                                                                                 1275. 828
1276. 862
1275. 861
                                                                                                                                                                                                                                                                                                                                        9. 258
7. 039
7. 306
                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
                                                                     1.0000 +-
                                                                                                    0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     0.000 +-
0.000 +-
                                                                                                      (1)
                                                                                                                                                                                                                                                                                                                                                                                (2)
```

	202002_AFAS-B Collar_Position2	txt			202002_AF	AS-B Collar_P	osition2.txt
INCC 5.1.2 Facility:	PFPF		Passi	ve triples bkg ve scaler1 bkg ve scaler2 bkg	rnd: 0.000	- 0.000	
Material balance area: Detector type: Detector id:	JM2G AFAS JSR_01			er passive cyc Count time (s	cles: 9		
Electronics id: Inventory change code: I/O code:	JSR-12		Passive	e error messag	ges		
Measurement date: Results file name:	20. 02. 05 09:40:59 025J4059. VER			wn alpha calib	oration		
Inspection number: Item id: Stratum id:	BC02 202002 XXXX		Result	S	Singles:	3397. 274	÷ 3.697
Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file				Doubles: Triples: Scaler 1: Scaler 2:	53. 973 0. 000 605. 635 0. 000	← 0. 739 ← 0. 000 ← 1. 145
QC tests: Error calculation: Accidentals method:	On Sample method Measured		Passive	e cycle raw da	nta		
Inspector name: Passive comment:	JAEA		Cycle 1 2	Singles 203145 205191	R+A A 46994 44082 47860 44612		Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date:	Default CO	+- 0.0000 +- 0.0000 +- 0.0000	3 4 5 6 7 8	203518 203843 203541 204181 203421 202915 203773	47477 44221 47592 4441 47601 44261 47837 44484 47472 44265 46996 43696 47236 43946	36542 36202 36333 36535 36113 36342	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Am241: Am date:	0. 0000 + 0. 0000 0. 0000 00. 01. 01 20. 02. 05	← 0.0000		e cycle rate o			
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1970 160. 0000 0. 6419 0. 1030 0. 0000 0. 00001 0. 00001		Cycle 1 2 3 4 5 6 7 8	Singles 3387. 591 3421. 728 3393. 815 3399. 237 3394. 198 3404. 877 3392. 196 3383. 754 3398. 069	Doub les 48. 639 54. 252 54. 385 53. 082 55. 788 56. 006 53. 567 55. 120 54. 920	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests Q. 000 Pass
Normalization constant:	1.0000 +- 0.0000						
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000						

```
202002_AFAS-B Collar_Position3.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                              0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                           Passive triples bkgrnd:
Passive scaler1 bkgrnd:
    Facility: PFPF
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                           Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                             Number passive cycles:
                                                                                                                                                                                                                                                                                         Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                        Passive error messages
                                                           20. 02. 05 09:58:04
025J5804. VER
                                                                                                                                                                                                                                                                        No known alpha calibration
             Results
                                                           BC03 202002
                                                                                                                                                                                                                                                                                                                                  Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                           XXXX
                                                                                                                                                                                                                                                                                                                                                                      47288, 130 +-
                                                                                                                                                                                                                                                                                                                                                                                                              8, 504
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                      10156.873 +-
0.000 +-
150.882 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                            19. 045
0. 000
0. 383
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           On
Sample method
Measured
JAEA
                                                                                                                                                                                                                                                                        Passive cycle raw data
                                                                                                                                                                                                                                                                                          Singles
2815610
                                                                                                                                                                                                                                                                                                                    R+A
9048782
9048075
9056614
                                                                                                                                                                                                                                                                                                                                                                         Scaler 1
8989
9041
9057
                                                                                                                                                                                                                                                                                                                                                                                                  Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                         Cycle
                                                                                                                                                                                                                                                                                                                                              A
8454001
8457883
8467244
                                                                                                                                                                                                                                                                                           2815832
2817354
                         Isotopics id: Default
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                    9032472
9058198
9041732
9036449
9069395
                                                                                                                                                                                                                                                                                                                                              8407244
8441115
8472309
8452826
8445649
8470616
8458181
8464497
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                           2813315
2817802
2814475
2813898
                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                               9148
8961
9050
8954
9083
9174
9072
                                                                                                                                                                                                                                                                                                                                                                                                                0
0
0
0
0
0
                                                                                            0.0000
0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                    0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
                                                                                                                                                                                                                                                                             8
9
10
                                         Pu241:
                                                                                                                                                                                                                                                                                           2817608
                                         Pu242:
                                                                                                                                                                                                                                                                                           2815528
2816980
                                                                                                                                                                                                                                                                                                                    9050150
9054390
                                    Pu242:
Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                    20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                             0.0000
                                                                                                                                                     0.0000
                                                                                                                                                                                                                                                                        Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                   Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                             Singles
47284, 235
                                                                  1.50
64.00
                                                                                                                                                                                                                                                                        Cvcle
                                                                                                                                                                                                                                                                                                                               Doubles
10218, 480
                                                                                                                                                                                                                                                                                                                                                                                                         Mass QC Tests
0.000 Pass
                                                              64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                             47287. 992
47313. 747
47245. 399
47321. 328
                                                                                                                                                                                                                                                                                                                               10139. 664
10125. 710
10159. 402
10065. 953
                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                             47265. 029
47255. 265
                                                                                                                                                                                                                                                                                                                               10117, 422
                                                                                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                                                                               10149 897
                                                                                                                                                                                                                                                                                             47282. 847
47307. 418
                                                                                                                                                                                                                                                                                                                               10149. 897
10287. 390
10170. 160
10134. 654
                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
                                                                     1.0000 +-
 Normalization constant:
                                                                                                    0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     0.000 +-
0.000 +-
                                                                                                      (1)
                                                                                                                                                                                                                                                                                                                                                                               (2)
```

	202002_AFAS-B Collar_Position4.txt	202002_AFAS-B Collar_Position4.txt
INCC 5.1.2 Facility:	PFPF	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	AFAS JSR_01	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
	20. 02. 05 10:15:08 025(1508, VER	No known alpha calibration
Inspection number:		Results
Stratum id: Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file	Singles: 6079.211 ← 4.171 Doubles: 167.412 ← 3.943 Triples: 0.000 ← 0.000 Scaler 1: 51.642 ← 0.256 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	Sample method	Passive cycle raw data
Inspector name: Passive comment:	JAEA	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 364951 152001 141977 2999 0 Pass 2 364095 151805 141627 3089 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	00 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 +- 0.0000 0.0000	3 364621 151072 142427 3128 0 Pass 4 364696 152240 142002 3099 0 Pass 5 363104 151197 140553 3119 0 Pass 6 364214 152259 141508 3051 0 Pass 7 366098 152935 142961 3095 0 Pass 8 364374 151060 142150 3176 0 Pass 9 363912 152336 141412 3139 0 Pass 10 363905 151932 142164 3090 0 Pass
	00. 01. 01 20. 02. 05	Passive cycle rate data
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 6088.462 167.721 0.000 0.000 Pass 2 6074.168 170.296 0.000 0.000 Pass 3 6082.952 144.647 0.000 0.000 Pass 4 6084.204 171.301 0.000 0.000 Pass 5 6057.619 178.091 0.000 0.000 Pass 6 6076.155 179.884 0.000 0.000 Pass 7 6107.617 166.886 0.000 0.000 Pass 8 6078.227 149.081 0.000 0.000 Pass 9 6071.112 182.778 0.000 0.000 Pass 10 6070.995 163.436 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 ← 0.0000 0.000 ← 0.000	
Passive doubles bkgrnd:	0.000 +- 0.000	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                      Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                             0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                           0.000
   Facility: PFPF
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                                                         Number passive cycles:
                                                                                                                                                                                                                                                                                                     Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                    Passive error messages
                                                              20. 02. 05 10:30:12
025K3012. VER
                                                                                                                                                                                                                                                                                    No known alpha calibration
             Results
                                                              BC05 202002
XXXX
                                                                                                                                                                                                                                                                                                                                                 Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                         2524, 890 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                1.785
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                             26. 463 +-
0. 000 +-
44. 785 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                0. 710
0. 000
0. 261
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              On
Sample method
Measured
JAEA
                                                                                                                                                                                                                                                                                    Passive cycle raw data
                                                                                                                                                                                                                                                                                                       Singles
150848
150980
151307
                                                                                                                                                                                                                                                                                                                                       R+A
25886
26002
25937
                                                                                                                                                                                                                                                                                                                                                                                         Scaler 1
2741
2682
2645
                                                                                                                                                                                                                                                                                                                                                                                                                    Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                    Cycle
                                                                                                                                                                                                                                                                                                                                                                  A
24495
24308
24247
24448
24628
24741
24401
24692
24339
24567
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                       26097
26097
26180
25967
                                                                                                                                                                                                                                                                                                                                                                                               2659
2734
2713
2736
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                           151316
                                                                                                                                                                                                                                                                                                                                                                                                                                  0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                          0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                         151900
151585
151668
                                                                                                                                                                                                                                                                                                                                       26227
25927
26398
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
                                                                                                                                                                                                                                                                                          8
9
10
                                                                                                                                                                                                                                                                                                                                                                                                2630
                                           Pu241:
                                           Pu242:
                                                                                                                                                                                                                                                                                                                                                                                                2606
2725
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                          20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                    Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                   Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                            Singles
2515.148
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                    Cvcle
                                                                                                                                                                                                                                                                                                                                                 Doubles
23, 221
                                                                                                                                                                                                                                                                                                                                                                                                                           Mass QC Tests
0.000 Pass
                                                                 64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                            2517. 350
2522. 804
2522. 955
2531. 512
                                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                    28. 279
28. 212
27. 528
24. 523
24. 022
26. 142
25. 625
26. 510
30. 566
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                           6
7
                                                                                                                                                                                                                                                                                                             2525. 106
2525. 056
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
                                                                                                                                                                                                                                                                                                            2525. 056
2532. 696
2527. 442
2528. 826
                                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                        1.0000 +-
                                                                                                        0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                               (2)
```

	202002_AFAS-B Collar_	Position6. txt				20	2002_AFAS	-B Collar_Po	osition6.txt
INCC 5.1.2 Facility:	PFPF			Passiv	e triples bkg e scaler1 bkg e scaler2 bkg	grnd:	0. 000 +- 0. 000 0. 000	0.000	
Material balance area: Detector type: Detector id: Electronics id:	JM2G AFAS JSR_01 JSR-12				r passive cyc Count time (s		10 60		
Inventory change code: I/O code:					error messag	,			
Measurement date: Results file name: Inspection number:	20. 02. 05 10:47:17 025K4717. VER			No know Results	n alpha calib	oration			
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	BCO6 202002 XXXX Pu 0.000 Verification Review disk file On					Sing Doub Trip Scale Scale	les: les: r 1:	802. 045 - 2. 938 - 0. 000 - 64. 093 - 0. 000 -	← 0. 436 ← 0. 000 ← 0. 421
Error calculation: Accidentals method: Inspector name: Passive comment:	Sample method Measured JAEA			Cycle 1	Singles 48324	R+A 2579	A 2481	Scaler1 3805	Scaler2 QC Tests 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 20.02.05 0.0000 +- 20.02.05	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	2 3 4 5 6 7 8 9 10	48028 48371 48006 48042 48146 48154 48168 48090 47836	2658 2664 2624 2639 2646 2752 2645 2613 2597	2442 2502 2333 2556 2485 2426 2559 2424 2447	3845 3956 3810 3735 3983 3914 3788 3828 3792	O Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.0001			Cycle 1 2 3 4 5 6 7 8 9	Singles 805, 504 800, 570 806, 288 800, 203 800, 803 802, 537 802, 670 802, 903 801, 603 797, 369	Doub I 1. 6 3. 6 2. 7 4. 8 1. 3 2. 6 5. 4 1. 4 3. 1! 2. 5	34 02 01 52 84 85 36 34	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant: Passive singles bkgrnd: Passive doubles bkgrnd:	1.0000 +- 0.0000 0.000 +- 0.000 0.000 +- 0.000								

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                       Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                              0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                            0.000
   Facility: PFPF
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                       Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                                         Number passive cycles:
                                                                                                                                                                                                                                                                                                      Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                    Passive error messages
                                                              20. 02. 05 11:02:21
025L0221. VER
                                                                                                                                                                                                                                                                                    No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                    Results
                                                              BC07 202002
                                                                                                                                                                                                                                                                                                                                                  Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                            974.973 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                 0.750
                                                             XXXX
Pu
0.000
Verification
Review disk file
On
Sample method
Measured
JAEA
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                                                                                                                                                                                                                                                                                                                                                             4. 805 +-
0. 000 +-
104. 922 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 479
0. 000
0. 491
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                                                                                                    Passive cycle raw data
                                                                                                                                                                                                                                                                                                       Singles
58684
58402
58715
                                                                                                                                                                                                                                                                                                                                         R+A
3862
3872
4047
                                                                                                                                                                                                                                                                                                                                                                                          Scaler 1
6135
6328
6357
                                                                                                                                                                                                                                                                                                                                                                                                                     Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                     Cycle
                                                                                                                                                                                                                                                                                                                                                                     A
3641
3728
3663
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                          3982
3854
3816
3967
3998
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                     3705
3524
3671
3586
                                                                                                                                                                                                                                                                                                                                                                                                 6465
6341
6294
6325
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                              58485
                                                                                                                                                                                                                                                                                                                                                                                                                                   0
0
0
0
0
0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                              58223
58499
58410
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                                                                                                                                                                                                                                                                          8
9
10
                                                                                                                                                                                                                                                                                                                                                                      3625
                                           Pu241:
                                                                                                                                                                                                                                                                                                              58566
                                                                                                                                                                                                                                                                                                                                                                                                  6291
                                           Pu242:
                                                                                                                                                                                                                                                                                                              58447
                                                                                                                                                                                                                                                                                                                                           3841
3889
                                                                                                                                                                                                                                                                                                                                                                       3516
3588
                                                                                                                                                                                                                                                                                                                                                                                                 6226
6191
                                     Pu242:
Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                          20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                                                                                                                                                                                                                                              58461
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                    Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                    Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                               Singles
978. 220
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                                                                  Doubles
3. 686
2. 402
6. 404
4. 620
5. 503
2. 418
6. 354
6. 221
5. 420
5. 020
                                                                                                                                                                                                                                                                                                                                                                                                                           Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                    Cvcle
                                                                 64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                               973. 519
978. 737
974. 903
970. 534
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                            6
7
                                                                                                                                                                                                                                                                                                                975. 136
973. 652
                                                                                                                                                                                                                                                                                                               976. 253
974. 269
974. 502
                                                                        1.0000 +-
                                                                                                        0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                (2)
```

	202002_AFAS-B Collar	_Position8.txt					202	002_AFAS	S-B Collar_Po	sition8.txt
INCC 5.1.2 Facility:				1	Passiv	e triples bkg e scaler1 bkg e scaler2 bkg	grnd: O	. 000 +- . 000 . 000	0. 000	
Material balance area: Detector type: Detector id: Electronics id:						r passive cyc Count time (s		10 60		
Inventory change code: I/O code:	55K 12			Pa	assive	error messag	ges			
Measurement date: Results file name:	20. 02. 05 11:19:25 025L1925. VER			N	o know	n alpha calib	oration			
Inspection number: Item id:	BC08 202002			R	esults					
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:							Singl Doubl Tripl Scaler Scaler	es: es: 1:	1093. 157 + 5. 744 + 0. 000 + 28. 727 + 0. 000 +	- 0. 418 - 0. 000 - 0. 278
Error calculation: Accidentals method:	Sample method Measured			Pa	assive	cycle raw da	ata			
Inspector name: Passive comment:	JAEA			C	ycle 1 2	Singles 65814 65648	R+A 4913 4816	A 4634 4578	Scaler1 1722 1641	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 20.02.05 0.0000 +- 20.02.05	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	P.	3 4 5 6 7 8 9	65751 65592 65892 65499 65896 65135 65021 65531	4927 4925 4912 4918 5043 4853 4911 4878	4580 4600 4559 4602 4538 4575 4471 4515	1788 1722 1788 1680 1788 1668 1739 1700	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Coefficient C facatime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1970 160. 0000 0. 6419 0. 1030 0. 0000 0. 0000 0. 00001	20. 92. 00			ycle 1 2 3 4 5 6 7 8 9	Singles 1097. 093 1094. 325 1096. 043 1093. 392 1098. 394 1091. 841 1098. 460 1085. 773 1083. 872 1092. 375	Double 4. 65 3. 96 5. 78 5. 42 5. 88 5. 27 8. 42 4. 63 7. 33 6. 05	3 9 7 0 7 0 3 7	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant:	1.0000 +- 0.000	0								
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 + 0.000 0.000 + 0.000									
	(1)								(2)	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                              Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                   0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                0.000
    Facility: PFPF
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                              Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                                Number passive cycles:
                                                                                                                                                                                                                                                                                            Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                           Passive error messages
                                                            20. 02. 05 11:38:31
025L3831. VER
                                                                                                                                                                                                                                                                           No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                            Results
                                                            BC09 202002
XXXX
                                                                                                                                                                                                                                                                                                                                       Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                               1074, 137 +-
                                                                                                                                                                                                                                                                                                                                                                                                                    1.697
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                  4. 823 +-
0. 000 +-
32. 947 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                    0. 433
0. 000
0. 255
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            On
Sample method
Measured
JAEA
                                                                                                                                                                                                                                                                           Passive cycle raw data
                                                                                                                                                                                                                                                                                              Singles
64364
64606
64796
                                                                                                                                                                                                                                                                                                                              R+A
4808
4717
4732
                                                                                                                                                                                                                                                                                                                                                                              Scaler 1
1975
1993
1945
                                                                                                                                                                                                                                                                                                                                                                                                        Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                            Cycle
                                                                                                                                                                                                                                                                                                                                                          A
4445
4424
4356
                         Isotopics id: Default
                                                                                                                                                                                                                                                                                                                                4662
4551
4773
4640
4635
                                                                                                                                                                                                                                                                                                                                                                                     1919
1973
1947
2005
2028
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                            0. 0000 +-
0. 0000 +-
100. 0000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                    63957
                                                                                                                                                                                                                                                                                                                                                          4345
4406
4433
4396
4478
4548
                                                                                                                                                                                                                                                                                                                                                                                                                      0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                      0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                    64168
64633
63952
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
                                                                 0.0000 +-
0.0000 +-
                                          Pu241:
                                                                                                                                                                                                                                                                                   8
                                                                                                                                                                                                                                                                                                    64488
                                          Pu242:
                                                                                                                                                                                                                                                                                                    64859
                                                                                                                                                                                                                                                                                                                                4855
4775
                                                                                                                                                                                                                                                                                                                                                                                     1915
                                   Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                      20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                                                                                                                                                                                                                 10
                                                                                                                                                                                                                                                                                                    64548
                                                                                                                                                                                                                                                                                                                                                                                     2068
                                                                                              0.0000
                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                           Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                        Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                      Doubles
6. 054
4. 887
6. 271
5. 287
2. 418
                                                                                                                                                                                                                                                                                                    Singles
1072.918
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                              Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                           Cvcle
                                                               64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                    1076. 953
1080. 121
1066. 132
1069. 650
                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                           5. 671
4. 069
2. 618
5. 120
5. 837
                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                   6
                                                                                                                                                                                                                                                                                                    1077, 403
                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
                                                                                                                                                                                                                                                                                                    1066 049
                                                                                                                                                                                                                                                                                                    1074. 985
1081. 171
1075. 986
                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
                                                                                                     0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                    (2)
```

	202002_AFAS-B Collar_Position10.txt		202002_AF	AS-B Collar_Position10.txt
INCC 5. 1. 2		Passive triples bk Passive scaler1 bk	grnd: 0.000	- 0.000
Facility: Material balance area: Detector type:	JM2G AFAS	Passive scaler2 bk Number passive cy	cles: 10	
Detector id: Electronics id: Inventory change code:	JSR_01 JSR-12	Count time (
I/O code: Measurement date: Results file name:	20.02.05 13:09:55 025N0955, VER	No known alpha cali	bration	
Inspection number: Item id: Stratum id:	BC10 202002 XXXX	Results	Singles:	569.154 ← 0.823
Material type: Original declared mass: Measurement option: Data source:			Doubles: Triples: Scaler 1: Scaler 2:	1. 010 + 0. 181 0. 000 + 0. 000 42. 055 + 0. 305 0. 000 + 0. 000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw d	ata	
Inspector name: Passive comment:	JAEA	Cycle Singles 1 34298 2 34280	R+A A 1292 1287 1288 1261	Scaler1 Scaler2 QC Tests 2571 0 Pass 2421 0 Pass
Isotopics id: Isotopics source code: Pu238:	0.0000 +- 0.0000 0.0000 +- 0.0000	3 33851 4 34225 5 34203	1306 1284 1328 1263 1304 1245	2486 0 Pass 2508 0 Pass 2489 0 Pass
Pu239: Pu240: Pu241: Pu242:	0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000	6 34002 7 33940 8 34193 9 34218	1352 1297 1336 1250 1328 1249 1310 1211	2492 0 Pass 2627 0 Pass 2529 0 Pass 2535 0 Pass
Pu date: Am241: Am date:	00.01.01 20.02.05 0.0000 0.0000 + 0.0000 0.0000 + 0.0000 00.01.01 0.0000 + 0.0000	10 34251 Passive cycle rate	1351 1242	
Predelay: Gate length:	1.50 64.00	Cycle Singles 1 571,686	Doubles 0.083	Triples Mass QC Tests 0.000 0.000 Pass
2nd gate length: High voltage: Die away time: Efficiency:	64.00 1720 50.0000 0.1970	2 571, 386 3 564, 234 4 570, 469 5 570, 102	0. 450 0. 367 1. 084 0. 984	0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass
Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime:	160.0000 0.6419 0.1030	6 566. 752 7 565. 718 8 569. 935	0. 917 1. 434 1. 317	0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 Pass
Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0.0000 0.0001 0.0001	9 570. 352 10 570. 902	1. 651 1. 817	0.000 0.000 Pass 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000			
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000			

(2)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                           0.000 +-
0.000
                                                                                                                                                                                                                                                                                     Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                        0.000
   Facility: PFPF
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                     Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                                       Number passive cycles:
                                                                                                                                                                                                                                                                                                   Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                  Passive error messages
                                                              20. 02. 05 09:24:55
025J2455. VER
                                                                                                                                                                                                                                                                                  No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                  Results
                                                              BT01 202002
                                                                                                                                                                                                                                                                                                                                              Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                       1276, 200 +-
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                             0.982
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                       7. 050 +-
0. 000 +-
2458. 563 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                             0. 873
0. 000
1. 988
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              On
Sample method
Measured
JAEA
                                                                                                                                                                                                                                                                                  Passive cycle raw data
                                                                                                                                                                                                                                                                                                     Singles
76766
                                                                                                                                                                                                                                                                                                                                      R+A
6698
6558
6646
                                                                                                                                                                                                                                                                                                                                                                                       Scaler1
147231
147411
147643
                                                                                                                                                                                                                                                                                                                                                                                                                 Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                   Cycle
                                                                                                                                                                                                                                                                                                                                                                   A
6279
6344
6580
                                                                                                                                                                                                                                                                                                           76733
76741
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                       6725
6665
6765
6686
6661
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                           76613
76115
76591
76495
                                                                                                                                                                                                                                                                                                                                                                   6185
6047
6276
6217
                                                                                                                                                                                                                                                                                                                                                                                         147466
147667
147108
147526
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                               0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                         0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                          148402
                                           Pu241:
                                                                                                                                                                                                                                                                                         8
                                                                                                                                                                                                                                                                                                           76534
                                                                                                                                                                                                                                                                                                                                                                   6106
6178
                                           Pu242:
                                                                                                                                                                                                                                                                                                           76596
76536
                                                                                                                                                                                                                                                                                                                                        6600
                                                                                                                                                                                                                                                                                                                                                                                          147082
147602
                                    Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                         20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                                                                                                                                                                                                                        10
                                                                                                0.0000
                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                  Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                Triples
0.000
0.000
0.000
0.000
0.000
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                           Singles
1279, 433
                                                                                                                                                                                                                                                                                                                                              Doubles
6. 983
3. 567
1. 100
9. 000
10. 300
8. 150
7. 817
9. 250
7. 033
7. 300
                                                                                                                                                                                                                                                                                  Cycle
                                                                                                                                                                                                                                                                                                                                                                                                                        Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                           1278. 883
1279. 017
1276. 883
1268. 583
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                         6
                                                                                                                                                                                                                                                                                                           1276. 517
1274. 917
                                                                                                                                                                                                                                                                                                           1275. 567
1276. 600
1275. 600
                                                                        1.0000 +-
 Normalization constant:
                                                                                                       0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                             (2)
```

								=		
	202002_AFAS-B Top	Fork_Position2.tx	t				20	2002_AFAS	-B Top Fork_	Position2.txt
INCC 5.1.2 Facility:	PEPE				Passi	ve triples bk ve scaler1 bk ve scaler2 bk	grnd:	0.000 +- 0.000 0.000	0.000	
Material balance area: Detector type: Detector id:	JM2G AFAS JSR 01					er passive cy Count time (cles:	9 60		
Electronics id: Inventory change code:	JSR-12				Passiv	e error messa		60		
I/O code: Measurement date: Results file name:	20. 02. 05 09:40:59 025J4059. VER					wn alpha cali	bration			
Inspection number: Item id:	BT02 202002				Result	S				
Stratum id: Material type: Original declared mass:	XXXX Pu 0. 000						Dou	gles: bles: ples:	3395. 422 53. 856 0. 000	+- 0. 737
Measurement option: Data source:	Verification Review disk file						Scal	er 1: er 2:	605. 635 0. 000	+- 1.145
QC tests: Error calculation: Accidentals method:	On Sample method Measured				Passiv	e cycle raw d	ata			
Inspector name: Passive comment:	JAEA				Cycle 1 2	Singles 203145 205191	R+A 46994 47860	A 44082 44612	Scaler1 36641 36026	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: PU238: Pu240: Pu241: Pu242: Pu date:	Default CO	0 0.0000 +- 0 100.0000 +- 0 0.0000 +- 0 0.0000 +- 20.02.05	0.0000 0.0000 0.0000 0.0000 0.0000		3 4 5 6 7 8 9	203131 203843 203541 204181 203421 202915 203773	47477 47592 47601 47837 47472 46996 47236	44221 44414 44261 44484 44265 43696 43948	36542 36202 36333 36535 36113 36342 36309	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Am241: Am date:	0.0000 +- 0.000 00.01.01	0 0.0000 +- 20.02.05	0.0000		Passiv	e cycle rate	data			
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0080 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001 0. 0001	20.02.00			Cycle 1 2 3 4 5 6 7 8 9	Singles 3385, 750 3419, 850 3391, 967 3397, 383 3392, 350 3403, 017 3390, 350 3381, 917 3396, 217	Doub 48.1 54. 54. 55. 55. 55. 55. 54.	533 133 267 967 667 883 450	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant:		0000								
Passive singles bkgrnd: Passive doubles bkgrnd:		000 000								
	(1)							(2)	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                             0.000
   Facility: PFPF
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                             Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                               Number passive cycles:
                                                                                                                                                                                                                                                                                           Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                          Passive error messages
                                                            20. 02. 05 09:58:04
025J5804. VER
                                                                                                                                                                                                                                                                          No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                          Results
                                                            BT03 202002
                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                         46930, 670 +-
                                                                                                                                                                                                                                                                                                                                                                                                                 8, 375
                                                            XXXX
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                           9853. 227 +-
0. 000 +-
150. 882 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                               18. 474
0. 000
0. 383
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            On
Sample method
Measured
JAEA
                                                                                                                                                                                                                                                                          Passive cycle raw data
                                                                                                                                                                                                                                                                                            Singles
2815610
                                                                                                                                                                                                                                                                                                                       R+A
9048782
9048075
9056614
                                                                                                                                                                                                                                                                                                                                                                            Scaler 1
8989
9041
9057
                                                                                                                                                                                                                                                                                                                                                                                                     Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                          Cycle
                                                                                                                                                                                                                                                                                                                                                 8454001
                                                                                                                                                                                                                                                                                             2815832
2817354
                                                                                                                                                                                                                                                                                                                                                 8457883
8467244
                        Isotopics id: Default
                                                                                                                                                                                                                                                                                                                       9032472
9058198
9041732
9036449
9069395
                                                                                                                                                                                                                                                                                                                                                 8407244
8441115
8472309
8452826
8445649
8470616
8458181
8464497
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                            0. 0000 +-
0. 0000 +-
100. 0000 +-
                                                                                                                                                                                                                                                                                             2813315
2817802
2814475
2813898
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                  9148
8961
9050
8954
9083
9174
9072
                                                                                                                                                                                                                                                                                                                                                                                                                   0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                     0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
                                                                 0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                               8
9
10
                                          Pu241:
                                                                                                                                                                                                                                                                                             2817608
                                          Pu242:
                                                                                                                                                                                                                                                                                             2815528
2816980
                                                                                                                                                                                                                                                                                                                       9050150
9054390
                                   Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                     20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                             0.0000
                                                                                                                                                      0.0000
                                                                                                                                                                                                                                                                          Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                      Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                               Singles
46926.833
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                          Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                   Doubles
9913.017
                                                               64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                               46930, 533
46955, 900
46888, 583
46963, 367
                                                                                                                                                                                                                                                                                                                                   9836. 533
9822. 833
9855. 950
9764. 817
                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                               46907.917
                                                                                                                                                                                                                                                                                                                                   9815, 100
                                                                                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                                               46898 300
                                                                                                                                                                                                                                                                                                                                   9846 667
                                                                                                                                                                                                                                                                                               46960. 133
46925. 467
46949. 667
                                                                                                                                                                                                                                                                                                                                   9979. 650
9866. 150
9831. 550
                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
 Normalization constant:
                                                                                                    0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                      (1)
                                                                                                                                                                                                                                                                                                                                                                                 (2)
```

	202002_AFAS-B Top Fork_Position4.txt	202002_AFAS-B Top Fork_Position4.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JM26 AFAS JSR_01 JSR=12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code: Measurement date: Results file name:	20. 02. 05 10:15:08 025K1508. VER	Passive error messages No known alpha calibration
Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	BT04 202002 XXXX Pu 0.000 Verification Review disk file	Results Singles: 6073.283 ← 4.163 Doubles: 166.760 ← 3.928 Triples: 0.000 ← 0.000 Scaler 1: 51.642 ← 0.256 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment: Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu241: Pu242: Pu date: Am241: Am date:	JAEA Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01.01 20.02.05 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 364951 152001 141977 2999 0 Pass 2 364095 151805 141627 3089 0 Pass 3 364621 151072 142427 3128 0 Pass 4 364696 152240 142002 3099 0 Pass 5 363104 151197 140553 3119 0 Pass 6 364214 152259 141508 3051 0 Pass 7 366098 152935 142961 3095 0 Pass 8 364374 151060 142150 3176 0 Pass 9 363912 152336 141412 3139 0 Pass 10 363905 151932 142164 3090 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient Gedadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0080 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 1.0000 ← 0.0000	Cycle Singles Doubles Triples Mass QC Tests 1 6082_517 167.067 0.000 0.000 0.000 9.000 2 6068_250 169.633 0.000 0.000 0.000 9.000 3 6077.017 144.083 0.000 0.000 9.000 9.85 4 6078.267 170.633 0.000 0.000 9.000 Pass 5 6051.733 177.400 0.000 0.000 9.000 Pass 6 6070.233 179.183 0.000 0.000 9.000 Pass 7 6101.633 166.233 0.000 0.000 9.000 Pass 8 6072.900 148.500 0.000 0.000 Pass 9 6065.200 182.067 0.000 0.000 Pass 10 6065.083 162.800 0.000 0.000 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000	
	(1)	(2)

```
202002_AFAS-B Top Fork_Position5.txt
                                                                                                                                                                                                                                                                                                                                          202002_AFAS-B Top Fork_Position5.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                                           Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                             0.000
   Facility: PFPF
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                            Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                              Number passive cycles:
                                                                                                                                                                                                                                                                                          Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                         Passive error messages
                                                            20. 02. 05 10:30:12
025K3012. VER
                                                                                                                                                                                                                                                                         No known alpha calibration
             Results
                                                           BT05 202002
XXXX
                                                                                                                                                                                                                                                                                                                                    Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                           2523, 867 +-
                                                                                                                                                                                                                                                                                                                                                                                                                1.783
                                                          XXXX
Pu
0.000
Verification
Review disk file
On
Sample method
Measured
JAEA
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                                                                                                                                                                                                                                                                                                                                               26. 420 +-
0. 000 +-
44. 785 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                0. 709
0. 000
0. 261
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                                                                                         Passive cycle raw data
                                                                                                                                                                                                                                                                                           Singles
150848
150980
151307
                                                                                                                                                                                                                                                                                                                           R+A
25886
26002
25937
                                                                                                                                                                                                                                                                                                                                                                           Scaler 1
2741
2682
2645
                                                                                                                                                                                                                                                                                                                                                                                                    Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                          Cycle
                                                                                                                                                                                                                                                                                                                                                     A
24495
24308
24247
24448
24628
24741
24401
24692
24339
24567
                        Isotopics id: Default
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                           26097
26097
26180
25967
                                                                                                                                                                                                                                                                                                                                                                                 2659
2734
2713
2736
                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                151316
                                                                                                                                                                                                                                                                                                                                                                                                                  0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                    0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                              151900
151585
151668
                                                                                                                                                                                                                                                                                                                           26227
25927
26398
                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
                                                                                                                                                                                                                                                                               8
9
10
                                                                                                                                                                                                                                                                                                                                                                                  2630
                                         Pu241:
                                         Pu242:
                                                                                                                                                                                                                                                                                                                                                                                  2606
2725
                                   Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                     20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                             0.0000
                                                                                                                                                      0.0000
                                                                                                                                                                                                                                                                         Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                     Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                 Singles
2514.133
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                         Cvcle
                                                                                                                                                                                                                                                                                                                                    Doubles
23, 183
                                                                                                                                                                                                                                                                                                                                                                                                           Mass QC Tests
0.000 Pass
                                                              64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                 2516. 333
2521. 783
2521. 933
2530. 483
                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                       28. 233
28. 167
27. 483
24. 483
23. 983
26. 100
25. 583
26. 467
30. 517
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                6
7
                                                                                                                                                                                                                                                                                                  2524, 083
                                                                                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                                                  2524 033
                                                                                                                                                                                                                                                                                                 2524. 033
2531. 667
2526. 417
2527. 800
                                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                     1.0000 +-
 Normalization constant:
                                                                                                    0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     0.000 +-
0.000 +-
                                                                                                      (1)
                                                                                                                                                                                                                                                                                                                                                                                 (2)
```

	202002_AFAS-B Top Fork_Position6.txt	202002_AFAS-B Top Fork_Position6.txt
INCC 5.1.2	PEPE	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type:	JM2G	Number passive cycles: 10
Detector id: Electronics id: Inventory change code:		Count time (sec): 60 Passive error messages
I/O code: Measurement date:	20. 02. 05 10:47:17	No known aloha calibration
Results file name: Inspection number:	025K4717. VER	Results
Item id: Stratum id: Material type:	XXXX Pu	Singles: 801.942 + 0.820 Doubles: 2.937 + 0.435
Original declared mass: Measurement option: Data source:	Verification	Triples: 0.000 ← 0.000 Scaler 1: 64.093 ← 0.421 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:		Passive cycle raw data
Inspector name: Passive comment:	JAEA	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 48324 2579 2481 3805 0 Pass
Isotopics id: Isotopics source code:	CO	2 48028 2558 2442 3845 0 Pass 3 48371 2664 2502 3956 0 Pass 4 48006 2624 2333 3810 0 Pass
Pu238 : Pu239 : Pu240 :	0.0000 \(\ldots \) 0.0000 \(0.0000 \) \(\ldots \) 0.0000	5 48042 2639 2556 3735 0 Pass 6 48146 2646 2485 3983 0 Pass 7 48154 2752 2426 3914 0 Pass
Pu241: Pu242: Pu date:	0.0000 ← 0.0000 0.0000 + 0.0000 0.0000 + 0.0000 0.0000 + 0.0000 00.01.01 20.02.05	8 48168 2645 2559 3788 0 Pass 9 48090 2613 2424 3828 0 Pass 10 47836 2597 2447 3792 0 Pass
Am241: Am date:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage:	1.50 64.00 64.00 1720	Cycle Singles Doubles Triples Mass QC Tests 1 805.400 1.633 0.000 0.000 Pass 2 800.467 3.600 0.000 0.000 Pass 3 806.183 2.700 0.000 0.000 Pass
Die away time: Efficiency: Multiplicity deadtime:	50. 0000 0. 0080 0. 0000	4 800.100 4.850 0.000 0.000 Pass 5 800.700 1.383 0.000 0.000 Pass 6 802.433 2.683 0.000 0.000 Pass
Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime:	0. 0000 0. 0000 0. 0000 0. 0000	7 802.567 5.433 0.000 0.000 Pass 8 802.800 1.433 0.000 0.000 Pass 9 801.500 3.150 0.000 0.000 Pass
Doubles gate fraction: Triples gate fraction:	0. 0001 0. 0001	9 501.300 3.130 0.000 0.000 rass 10 797.267 2.500 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000	
	(1)	(2)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                               Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                     0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                  0.000
   Facility: PFPF
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                     0.000
                                                                                                                                                                                                                                                                                  Number passive cycles:
                                                                                                                                                                                                                                                                                              Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                             Passive error messages
                                                            20. 02. 05 11:02:21
025L0221. VER
                                                                                                                                                                                                                                                                             No known alpha calibration
             Results
                                                            BT07 202002
                                                                                                                                                                                                                                                                                                                                         Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                  974.820 +-
                                                                                                                                                                                                                                                                                                                                                                                                                      0.750
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                  4. 802 +-
0. 000 +-
104. 922 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 479
0. 000
0. 491
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            On
Sample method
Measured
JAEA
                                                                                                                                                                                                                                                                             Passive cycle raw data
                                                                                                                                                                                                                                                                                               Singles
58684
58402
58715
                                                                                                                                                                                                                                                                                                                                R+A
3862
3872
4047
                                                                                                                                                                                                                                                                                                                                                                                Scaler 1
6135
6328
6357
                                                                                                                                                                                                                                                                                                                                                                                                          Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                              Cycle
                                                                                                                                                                                                                                                                                                                                                            A
3641
3728
3663
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                 3982
3854
3816
3967
3998
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                            3705
3524
3671
3586
                                                                                                                                                                                                                                                                                                                                                                                       6465
6341
6294
6325
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                      58485
                                                                                                                                                                                                                                                                                                                                                                                                                        0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                       0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                      58223
58499
58410
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
                                                                                                                                                                                                                                                                                   8
9
10
                                                                                                                                                                                                                                                                                                                                                            3625
                                          Pu241:
                                                                                                                                                                                                                                                                                                      58566
                                                                                                                                                                                                                                                                                                                                                                                       6291
                                          Pu242:
                                                                                                                                                                                                                                                                                                      58447
                                                                                                                                                                                                                                                                                                                                  3841
3889
                                                                                                                                                                                                                                                                                                                                                             3516
3588
                                                                                                                                                                                                                                                                                                                                                                                       6226
6191
                                    Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                       20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                                                                                                                                                                                                                                      58461
                                                                                               0.0000
                                                                                                                                                        0.0000
                                                                                                                                                                                                                                                                             Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                          Triples
0.000
0.000
0.000
0.000
0.000
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                       Singles
978.067
                                                                                                                                                                                                                                                                                                                                        Doubles
3. 683
2. 400
6. 400
4. 617
5. 500
2. 417
6. 350
6. 217
5. 417
5. 017
                                                                                                                                                                                                                                                                             Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                 Mass QC Tests
0.000 Pass
                                                               64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                       973. 367
978. 583
974. 750
970. 383
                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                       974. 983
973. 500
976. 100
974. 117
974. 350
                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                    6
7
                                                                      1.0000 +-
 Normalization constant:
                                                                                                      0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                      (2)
```

	202002_AFAS-B Top Fork_Pos	sition8.txt			2020	02_AFAS-	B Top Fork_Po	sition8.txt
INCC 5.1.2 Facility:	PFPF		Passiv	ve triples bk ve scaler1 bk ve scaler2 bk	grnd: 0	.000 +- .000 .000	0. 000	
Material balance area: Detector type: Detector id: Electronics id:	JM2G AFAS JSR_01 JSR-12			er passive cy Count time (sec):	10 60		
Inventory change code: I/O code:				e error messa	•			
Measurement date: Results file name: Inspection number:	20. 02. 05 11:19:25 025L1925. VER		No know Results	vn alpha calil s	bration			
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	BTOB 202002 XXXX Pu 0.000 Verification Review disk file On				Singl Doubl Tripl Scaler Scaler	es: es: 1:	1092. 965 +- 5. 740 +- 0. 000 +- 28. 727 +- 0. 000 +-	0. 000 0. 278
QC tests: Error calculation: Accidentals method:	Sample method Measured		Passive	e cycle raw d	ata			
Inspector name: Passive comment:	Measured JAEA		Cycle 1 2	Singles 65814 65648	R+A 4913 4816	A 4634 4578	Scaler1 : 1722 : 1641	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	0.0000 +- 0.0000 100.0000 100.0000 +- 0.0000 0.0000 100.0000 100.0000 100.0000 100.01.01 100.0000 100.01.01 100.0000 100.01.01 100.0000 100.01.01 100.0000 100.01.01 100.0000 100.01.01 100.0000 100.01.01 100.0000 100.01.01 100.0000 100.0000 100.0000 100.01.01 100.00000 100.0000 100.0000 100.0000 100.0000 100.0000 100.0000 100.00000 100.00000 100.0000 100.0000 100.0000 100.0000 100.0000 100.0000 100.00000 100.0000 100.0000 100.0000 100.0000 100.0000 100.0000 100.00000 100.0000 100.0000 100.0000 100.0000 100.0000 100.0000 100.00000	0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 0.0000 0.0000 0.0000 02.05 0.0000 02.05 0.0000	3 4 5 6 7 8 9	65751 65751 65592 65892 65499 65896 65135 65021 65531	4927 4925 4912 4918 5043 4853 4911 4878	4580 4600 4559 4602 4538 4575 4471 4515	1788 1722 1788 1680 1788 1668 1739 1700	O Pass
Predelav:	1.50	. 02. 05	Cycle	Singles	uata Double	•	Triples	Mass QC Tests
Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Doubles gate fraction: Triples gate fraction: Normalization constant:	1. 30 64. 00 64. 00 1720 50. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 1. 0000 1. 00001		1 2 3 4 5 6 7 8 9	1096, 900 1094, 133 1095, 850 1093, 200 1098, 200 1091, 650 1098, 267 1085, 583 1083, 683 1092, 183	5. 41 5. 48 5. 41 5. 48 5. 26 8. 41 4. 63 7. 33 6. 05	0 7 3 7 3 7 7 3 3	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass Ot Tests 0.000 Pass
Passive singles bkgrnd:	0.000 +- 0.000							
Passive doubles bkgrnd:	0.000 + 0.000 (1)						(2)	

```
202002_AFAS-B Top Fork_Position9.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                                               Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                     0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                  0.000
   Facility: PFPF
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                     0.000
                                                                                                                                                                                                                                                                                  Number passive cycles:
                                                                                                                                                                                                                                                                                              Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                             Passive error messages
                                                             20. 02. 05 11:38:31
025L3831. VER
                                                                                                                                                                                                                                                                             No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                              Results
                                                             BT09 202002
XXXX
                                                                                                                                                                                                                                                                                                                                         Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                 1073.952 +-
                                                                                                                                                                                                                                                                                                                                                                                                                      1.696
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                     4. 820 +-
0. 000 +-
32. 947 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 433
0. 000
0. 255
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             On
Sample method
Measured
JAEA
                                                                                                                                                                                                                                                                             Passive cycle raw data
                                                                                                                                                                                                                                                                                                Singles
64364
64606
64796
                                                                                                                                                                                                                                                                                                                                R+A
4808
4717
4732
                                                                                                                                                                                                                                                                                                                                                                                 Scaler 1
1975
1993
1945
                                                                                                                                                                                                                                                                                                                                                                                                          Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                              Cycle
                                                                                                                                                                                                                                                                                                                                                            A
4445
4424
4356
                        Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                  4662
4551
4773
4640
4635
                                                                                                                                                                                                                                                                                                                                                                                       1919
1973
1947
2005
2028
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                      63957
                                                                                                                                                                                                                                                                                                                                                             4345
4406
4433
4396
4478
4548
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0
0
0
0
0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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64633
63952
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
                                          Pu241:
                                                                                                                                                                                                                                                                                    8
                                                                                                                                                                                                                                                                                                      64488
64859
                                          Pu242:
                                                                                                                                                                                                                                                                                                                                   4855
4775
                                                                                                                                                                                                                                                                                                                                                                                        1915
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                       20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                                                                                                                                                                                                                   10
                                                                                                                                                                                                                                                                                                      64548
                                                                                               0.0000
                                                                                                                                                        0.0000
                                                                                                                                                                                                                                                                             Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                          Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                      Singles
1072.733
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                             Cvcle
                                                                                                                                                                                                                                                                                                                                         Doubles
                                                                                                                                                                                                                                                                                                                                                                                                                 Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                             6. 050
4. 883
6. 267
5. 283
2. 417
5. 667
4. 067
2. 617
5. 117
5. 833
                                                               64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                      1076. 767
1079. 933
1065. 950
1069. 467
                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
0. 000
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Pass
Pass
Pass
Pass
Pass
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                                                                                                                                                                                                                                                                                                      1077. 217
1065. 867
                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
                                                                                                                                                                                                                                                                                                      1074. 800
1080. 983
1075. 800
                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
                                                                                                      0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                      (2)
```

	202002_AFAS-B Top Fork	_Position10.tx	t			2020	002_AFAS-	B Top Fork_P	osition10.txt
INCC 5.1.2 Facility:	PEPE			Passiv	/e triples bk /e scaler1 bk /e scaler2 bk	grnd:	0.000 +- 0.000 0.000	0.000	
Material balance area: Detector type: Detector id:	JM2G AFAS JSR_01				er passive cy Count time (cles:	10 60		
Electronics id: Inventory change code: I/O code:	JSR-12			Passive	e error messa	ges			
Measurement date: Results file name: Inspection number:	20. 02. 05 13:09:55 025N0955. VER			No know Results	wn alpha calil S	bration			
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	BT10 202002 XXXX Pu 0.000 Verification Review disk file On					Sing Doub Trip Scale Scale	les: les: r 1:	569. 102 + 1. 010 + 0. 000 + 42. 055 + 0. 000 +	- 0. 181 - 0. 000 - 0. 305
Error calculation: Accidentals method:	Sample method Measured			Passive	e cycle raw d	ata			
Inspector name: Passive comment:	JAEA			Cycle 1 2	Singles 34298 34280	R+A 1292 1288	A 1287 1261	Scaler1 2571 2421	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$\begin{array}{llllllllllllllllllllllllllllllllllll$	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 20.02.05 0.0000 +- 20.02.05	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	3 4 5 6 7 8 9 10	33851 34225 34203 34002 33940 34193 34218 34251	1306 1328 1304 1352 1336 1328 1310 1351	1284 1263 1245 1297 1250 1249 1211 1242	2486 2508 2489 2492 2627 2529 2535 2575	O Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000			Cycle 1 2 3 4 5 6 7 8 9 10	Singles 571, 633 571, 333 564, 183 570, 417 570, 050 566, 700 565, 667 569, 883 570, 300 570, 850	Doub I 0. 0 0. 4 0. 3 1. 0 0. 9 0. 9 1. 4 1. 3 1. 6	83 50 67 83 83 17 33 17 50	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant:	1.0000 +- 0.0000)							
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 + 0.000 0.000 + 0.000								
	(1)							(2)	

```
| Facility: | PFPF | Material balance area: JMZ6 | Detector type: | AFAS | Detector id: JSR_03 | Electronics id: JSR_03 | Electronics id: JSR_03 | Electronics id: JSR_12 |
```

			_		_
	ve triples bkg		0.000 +-	0.000	
	ve scaler1 bkg ve scaler2 bkg		0. 000 0. 000		
Numbe	er passive cyc		10 60		
	Count time (s	sec).	60		
Passive	e error messag	ges			
No know	wn alpha calib	oration			
Results	3				
			gles:	1027. 517 +	
			bles:	3. 775 +	
			ples:	0.000 +	
			er 1: er 2:	49. 487 + 0. 000 +	
Paccive	e cycle raw da			0.000	0.000
	-			0 1 4	
Cycle 1	Singles 61560	R+A 4223	A 4157	Scaler1 2966	Scaler2 QC Tests 0 Pass
2	61689	4223	4007	2900	0 Pass
3	61698	4328	4007	2968	0 Pass
4	61302	4254	3888	2847	0 Pass
5	61701	4272	3946	3031	0 Pass
6	61301	4156	4079	2925	0 Pass
7	61845	4303	4195	3076	0 Pass
8	62190	4376	4134	3003	0 Pass
9	61688	4259	4001	2976	0 Pass
10	61536	4258	3981	2987	0 Pass
Passive	e cycle rate o	lata			
Cycle	Singles	Doub		Triples	Mass QC Test
1	1026.000		100	0.000	0.000 Pass
2	1028. 150		000	0.000	0.000 Pass
3	1028. 300		083	0.000	0.000 Pass
4	1021. 700		100	0.000	0.000 Pass
5	1028. 350		433	0.000	0.000 Pass
6	1021.683		283	0.000	0.000 Pass
7	1030. 750		800	0.000	0.000 Pass
8	1036. 500		033	0.000	0.000 Pass
9	1028. 133		300	0.000	0.000 Pass
10	1025. 600	4.	617	0.000	0. 000 Pass
				(2)	
				(2)	

	202002_AFAS-P Bottom Fork_Position2.txt	:	202002_AFAS-P	Bottom Fork_Position2.txt
INCC 5.1.2	PEPE	Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd:	0.000 +- 0.000 0.000	0.000
Material balance area: Detector type: Detector id:	JMZG AFAS JSR 03	Number passive cycles: Count time (sec):	10 60	
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages		
Results file name:	20. 02. 05 09:41:29 025J4129. VER	No known alpha calibration		
Inspection number: I them id: Stratum id: Material type: Original declared mass: Measurement option: Data source: OC tests:	XXXX Pu 0.000 Verification Review disk file	s	Singles: Doubles: Triples: caler 1: caler 2:	1255.687 +- 1.621 5.857 +- 0.393 0.000 0.000 42.980 0.367 0.000 0.000
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw data	Α.	Scalari Scalari Of Tosta
Inspector name: Passive comment:		Cycle Singles R+A 1 75568 6610 2 74816 6199	5949	Scaler1 Scaler2 QC Tests 2470 0 Pass 2579 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu229: Pu241: Pu242: Pu date: Am241: Am date:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3 75609 6472 4 75541 6551 5 75104 6493 6 75688 6399 7 75599 6538 8 74959 6411 9 75338 6505 10 75190 6301 Passive cycle rate data	6260 6086 6035 6222 6122	2587 0 Pass 2662 0 Pass 2605 0 Pass 2611 0 Pass 2524 0 Pass 2560 0 Pass 2693 0 Pass 2497 0 Pass
Am date: Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient Gractime: Doubles gate fraction: Triples gate fraction: Normalization constant:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0127 0. 00000 0. 00000 0. 00000 0. 00000 0. 00001 0. 00001 1. 00000	•	oubles 6. 183 4. 167 7. 833 4. 850 6. 783 6. 067 5. 267 4. 817 7. 583 5. 017	Triples
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000			

202002_AFAS-P Bottom Fork_Position3.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                             Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                  0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                               0.000
   Facility: PFPF
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                              Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                Number passive cycles:
                                                                                                                                                                                                                                                                                            Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                           Passive error messages
                                                            20. 02. 05 09:58:34
025J5834. VER
                                                                                                                                                                                                                                                                           No known alpha calibration
             Results
                                                            PB03 202002
                                                                                                                                                                                                                                                                                                                                      Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                               675, 422 +--
                                                                                                                                                                                                                                                                                                                                                                                                                   0.976
                                                            XXXX
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                 1. 705 +-
0. 000 +-
55. 600 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 280
0. 000
0. 482
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            On
Sample method
Measured
JAEA
                                                                                                                                                                                                                                                                           Passive cycle raw data
                                                                                                                                                                                                                                                                                             Singles
40502
40363
40827
                                                                                                                                                                                                                                                                                                                             R+A
1840
1876
1930
                                                                                                                                                                                                                                                                                                                                                                             Scaler 1
3386
3300
3387
                                                                                                                                                                                                                                                                                                                                                                                                       Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                                                                         A
1776
1722
1741
                         Isotopics id: Default
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                   3162
3408
3294
3466
3256
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                               1900
1810
1898
1883
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                   40616
                                                                                                                                                                                                                                                                                                                                                          1800
1746
1814
1717
1770
1753
1777
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100.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
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40700
40498
                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
                                          Pu241:
                                                                                                                                                                                                                                                                                  8
                                                                                                                                                                                                                                                                                                   40378
                                                                                                                                                                                                                                                                                                                                1846
                                          Pu242:
                                                                                                                                                                                                                                                                                                   40538
                                                                                                                                                                                                                                                                                                                                1861
1795
                                                                                                                                                                                                                                                                                                                                                                                    3414
3287
                                    Pu242:
Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                      20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                                                                                                                                                                                                                10
                                                                                                                                                                                                                                                                                                   40645
                                                                                              0.0000
                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                           Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                       Triples
0.000
0.000
0.000
0.000
0.000
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                                                     Singles
675.033
                                                                                                                                                                                                                                                                           Cvcle
                                                                                                                                                                                                                                                                                                                                      Doubles
1.067
                                                                                                                                                                                                                                                                                                                                                                                                              Mass QC Tests
0.000 Pass
                                                               64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                     672. 717
680. 450
676. 933
669. 767
                                                                                                                                                                                                                                                                                                                                           2. 567
3. 150
1. 667
1. 067
                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                           1. 400
2. 767
1. 267
1. 800
0. 300
                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
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0. 000
0. 000
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0. 000
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Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                  6
7
                                                                                                                                                                                                                                                                                                     678. 333
674. 967
                                                                                                                                                                                                                                                                                                     672. 967
675. 633
677. 417
                                                                      1.0000 +-
 Normalization constant:
                                                                                                     0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                   (2)
```

	202002_AFAS-P Bottom Fork_Position4.txt	202002_AFAS-P Bottom Fork_Position4.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler! bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	AFAS JSR_03	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:	05h~12	Passive error messages
Measurement date: Results file name:	20. 02. 05 10:14:38 025K1438. VER	No known alpha calibration
Inspection number: Item id:	PB04 202002	Results
Stratum id: Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification	Singles: 1424, 667 ← 1, 276
QC tests: Error calculation:	On Sample method	Passive cycle raw data
Accidentals method: Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 85540 8411 7701 14222 0 Pass 2 85442 8457 7958 14026 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:		3 85180 8364 7832 14051 0 Pass 4 85394 8246 7793 13950 0 Pass 5 85251 8324 7806 14017 0 Pass 6 85851 8394 7803 14132 0 Pass 7 85688 8597 7913 14132 0 Pass 8 85806 8303 7878 14313 0 Pass 9 85460 8448 7796 14123 0 Pass 10 85188 8321 7539 13710 0 Pass
	00.01.01 20.02.05	Passive cycle rate data
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Coefficient Todadtime: Triples gate fraction: Normalization constant:	1.50 64.00 1720 50.0000 0.0127 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	Cycle Singles Doubles Triples Mass QC Tests 1 1425.667 11.833 0.000 0.000 0.000 Pass 2 1424.033 9.983 0.000 0.000 0.000 Pass 3 1419.667 8.867 0.000 0.000 Pass 4 1423.233 7.550 0.000 0.000 Pass 5 1420.850 7.100 0.000 0.000 Pass 6 1430.850 9.850 0.000 0.000 Pass 7 1428.133 11.400 0.000 0.000 Pass 8 1430.100 7.083 0.000 0.000 Pass 9 1424.333 10.867 0.000 0.000 Pass 10 1419.800 13.033 0.000 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000	
. acorro doubtoo bhgilla.	0.000	

202002_AFAS-P Bottom Fork_Position5.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                  Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                         0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                      0.000
   Facility: PFPF
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                   Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                                     Number passive cycles:
                                                                                                                                                                                                                                                                                                 Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                Passive error messages
                                                             20. 02. 05 10:30:42
025K3042. VER
                                                                                                                                                                                                                                                                                No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                 Results
                                                             PB05 202002
                                                                                                                                                                                                                                                                                                                                            Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                     1282, 190 +-
                                                                                                                                                                                                                                                                                                                                                                                                                           1.621
                                                            XXXX
Pu
0.000
Verification
Review disk file
On
Sample method
Measured
JAEA
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                                                                                                                                                                                                                                                                                                                                                       5. 748 +-
0. 000 +-
127. 388 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 775
0. 000
0. 484
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                                                                                                Passive cycle raw data
                                                                                                                                                                                                                                                                                                   Singles
76841
                                                                                                                                                                                                                                                                                                                                    R+A
6719
6622
6569
                                                                                                                                                                                                                                                                                                                                                                                     Scaler 1
7848
7695
7601
                                                                                                                                                                                                                                                                                                                                                                                                              Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                 Cycle
                                                                                                                                                                                                                                                                                                                                                                A
6338
6051
6303
                                                                                                                                                                                                                                                                                                         76733
                         Isotopics id: Default
                                                                                                                                                                                                                                                                                                         76505
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                6406
6349
6503
6482
6264
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                         76756
77121
77101
77237
                                                                                                                                                                                                                                                                                                                                     6605
6717
6582
6811
                                                                                                                                                                                                                                                                                                                                                                                            7647
7697
7641
7523
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                             0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
                                           Pu241:
                                                                                                                                                                                                                                                                                       8
                                                                                                                                                                                                                                                                                                         76818
                                                                                                                                                                                                                                                                                                                                      6803
                                                                                                                                                                                                                                                                                                                                                                                            7624
                                           Pu242:
                                                                                                                                                                                                                                                                                                         77527
76675
                                                                                                                                                                                                                                                                                                                                      6868
6575
                                                                                                                                                                                                                                                                                                                                                                 6460
                                                                                                                                                                                                                                                                                                                                                                                            7620
7537
                                     Pu242:
Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                        20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                                                                                                                                                                                                                      10
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                              Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                         Singles
1280. 683
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                Cvcle
                                                                                                                                                                                                                                                                                                                                            Doub I es
                                                                                                                                                                                                                                                                                                                                                                                                                      Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                 6. 350
9. 517
4. 433
3. 317
6. 133
                                                                64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                         1278. 883
1275. 083
1279. 267
1285. 350
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                       6
                                                                                                                                                                                                                                                                                                         1285. 017
1287. 283
                                                                                                                                                                                                                                                                                                                                                  1. 317
5. 483
                                                                                                                                                                                                                                                                                                         1280. 300
1292. 117
1277. 917
                                                                                                                                                                                                                                                                                                                                                 5. 463
8. 983
6. 800
5. 150
                                                                       1.0000 +-
 Normalization constant:
                                                                                                       0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                          (2)
```

	202002_AFAS-P Bottom Fork_Position6.txt	202002_AFAS-P Bottom Fork_Position6.txt
INCC 5.1.2	PEPE	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type:	JM2G AFAS	Number passive cycles: 10
Detector id: Electronics id:	JSR_03 JSR-12	Count time (sec): 60
Inventory change code: I/O code: Measurement date:	20. 02. 05 10:46:46	Passive error messages No known alpha calibration
Results file name: Inspection number:	025K4646. VER	Results
Item id: Stratum id:		Singles: 1734.435 +- 1.388
Material type: Original declared mass: Measurement option:	Pu 0.000 Verification	Doubles: 11.737 + 1.006 Triples: 0.000 + 0.000 Scaler 1: 63.858 + 0.353
Data source: QC tests:	Review disk file On	Scaler 2: 0.000 +- 0.000
Error calculation: Accidentals method:	Measured	Passive cycle raw data
Inspector name: Passive comment:	JAEA	Cycle Singles R+A A Scaler1 Scaler2 OC Tests 1 104092 12471 11549 3898 0 Pass 2 103746 12012 11672 3833 0 Pass
Isotopics id: Isotopics source code: Pu238:	Default CO	3 103966 11949 11520 3868 0 Pass 4 103636 12115 11374 3793 0 Pass 5 104426 12467 11861 3809 0 Pass
Pu239 : Pu240 :	0.0000 + 0.0000	6 104215 12440 11532 3873 0 Pass 7 104036 12420 11638 3874 0 Pass
Pu241: Pu242:	0.0000 +- 0.0000	8 104090 12196 11428 3681 0 Pass 9 103981 12308 11528 3787 0 Pass
Pu date: Am241: Am date:	00.01.01 20.02.05 0.0000 +- 0.0000 0.0000 +- 0.0000 00.01.01 20.02.05	10 104473 12327 11561 3899 0 Pass Passive cycle rate data
Predelay:	1.50	Cycle Singles Doubles Triples Mass QC Tests
Gate length: 2nd gate length: High voltage:	64. 00 64. 00 1720	1 1734_867 15.367 0.000 0.000 Pass 2 1729.100 5.667 0.000 0.000 Pass 3 1732.767 7.150 0.000 0.000 Pass
Die away time: Efficiency: Multiplicity deadtime:	50. 0000 0. 0127 0. 0000	4 1727.267 12.350 0.000 0.000 Pass 5 1740.433 10.100 0.000 0.000 Pass 6 1736.917 15.133 0.000 0.000 Pass
Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime:	0.0000 0.0000 0.0000	7 1733.933 13.033 0.000 0.000 Pass 8 1734.833 12.800 0.000 0.000 Pass 9 1733.017 13.000 0.000 0.000 Pass
Doubles gate fraction: Triples gate fraction:	0. 0001 0. 0001	10 1741.217 12.767 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 \(\dots \) 0.000 0.000 \(\dots \) 0.000	

```
INCC 5. 1. 2
   Facility: PFPF
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_03
Electronics id: JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                    20. 02. 05 11:02:51
025L0251. VER
               Inspection number:
Item id:
Stratum id:
                                                                    PB07 202002
                                                                    XXXX
                                                                   XXXX
Pu
0.000
Verification
Review disk file
On
Sample method
Measured
JAEA
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
           QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                           Isotopics id: Default
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                    0. 0000 +-
0. 0000 +-
100. 0000 +-
                                                                                                          0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                                          0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                          0.0000 +-
0.0000 +-
                                               Pu241:
                                               Pu242:
                                        Pu date:
Am241:
Am date:
                                                                    00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                      20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                                           0.0000
                                                                                                                                                                           0.0000
                   Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                            1.50
64.00
                                                                       64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                               1.0000 +-
 Normalization constant:
                                                                                                                   0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                               0.000 +-
0.000 +-
                                                                                                                     (1)
```

```
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                   0.000 +-
0.000
  Passive scaler2 bkgrnd:
                                                                   0.000
    Number passive cycles:
                Count time (sec)
Passive error messages
No known alpha calibration
Results
                                                        Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                             4430, 987 +-
                                                                                                                                 3.080
                                                                                                85. 238 +-
0. 000 +-
101. 522 +-
0. 000 +-
                                                                                                                                 2. 317
0. 000
0. 482
0. 000
Passive cycle raw data
                 Singles
265594
264687
265521
                                                R+A
79945
79689
79878
                                                                                              Scaler1
6203
5988
6151
                                                                                                                      Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
Cycle
                                                                         A
75167
74768
75280
                                                                         76080
75348
75578
75902
75221
75815
74973
                    266463
266035
265945
266331
                                               81412
81222
80271
80878
                                                                                                    6134
6135
5980
6232
                                                                                                                                          Pass
Pass
Pass
Pass
Pass
                                                                                                                                   0
0
0
0
0
0
                                                                                                                                         Pass
Pass
Pass
     8
9
10
                    265684
                                                80050
                                                                                                    6061
                    266745
265587
                                                81349
80581
                                                                                                    6017
6012
Passive cycle rate data
                       Singles
4426. 567
Cvcle
                                                        Doubles
79. 633
                                                                                         Triples
                                                                                                                             Mass QC Tests
0.000 Pass
                                                                                            0.000
0.000
0.000
0.000
0.000
                      4426. 567
4411. 450
4425. 350
4441. 050
4433. 917
4432. 417
                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                            Pass
Pass
Pass
Pass
                                                           82. 017
76. 633
88. 867
97. 900
78. 217
82. 933
80. 483
92. 233
93. 467
                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                            Pass
Pass
Pass
Pass
Pass
Pass
      6
7
                                                                                                                             0. 000
0. 000
                       4438 850
                       4428. 067
4445. 750
4426. 450
                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                   (2)
```

	202002_AFAS-P Bottom Fork_Position8.txt	202002_AFAS-P Bottom Fork_Position8.txt
INCC 5.1.2	PEPE	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JSR_03	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name:	20. 02. 05	No known alpha calibration
Inspection number: Item id: Stratum id:	PB08 202002 XXXX	Results Singles: 7357.553 +- 2.834
Material type: Original declared mass: Measurement option:	Pu 0.000 Verification	Doubles: 238,572 ← 2,593 Triples: 0.000 ← 0.000 Scaler 1: 1044,478 ← 0,715
Data source: QC tests: Error calculation:	Review disk file On Sample method	Scaler 2: 0.000 ← 0.000 Passive cycle raw data
Accidentals method: Inspector name: Passive comment:	Neasured JAEA	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 441317 222094 207678 62578 0 Pass 2 441664 222648 208332 62899 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu422: Pu date:	Default 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 0.01.01 2.02.05 5	3 441356 222091 208376 62548 0 Pass 4 441480 222095 207996 62507 0 Pass 5 440842 221341 207625 62570 0 Pass 6 441801 222217 208045 62804 0 Pass 7 441336 222251 208146 62724 0 Pass 8 442482 223908 208925 62828 0 Pass 9 440515 221783 206509 62640 0 Pass 10 441739 222227 207980 62589 0 Pass
Am241: Am date:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Passive cycle rate data
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.0127 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Cycle Singles Doubles Triples Mass QC Tests 1 7355, 283 240, 267 0.000 0.000 Pass 2 7361.067 238, 600 0.000 0.000 Pass 3 7355.933 228, 583 0.000 0.000 Pass 4 7358.000 234, 983 0.000 0.000 0.000 Pass 5 7347.367 228, 600 0.000 0.000 Pass 6 7363.350 236, 200 0.000 0.000 Pass 7 7355, 600 236, 750 0.000 0.000 Pass 8 7374, 700 249, 717 0.000 0.000 Pass 9 7341, 917 254, 567 0.000 0.000 Pass 10 7362, 317 237, 450 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 ← 0.0000 0.000 ← 0.000	
Passive doubles bkgrnd:	0.000 ÷ 0.000 0.000 ÷ 0.000	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                              Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                   0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                0.000
   Facility: PFPF
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                               Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                                 Number passive cycles:
                                                                                                                                                                                                                                                                                             Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                            Passive error messages
                                                            20. 02. 05 11:39:00
025L3900. VER
                                                                                                                                                                                                                                                                            No known alpha calibration
             Results
                                                            PB09 202002
                                                                                                                                                                                                                                                                                                                                       Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                              3126, 388 +-
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                    3, 167
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                               41. 405 +-
0. 000 +-
2369. 067 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                    1. 618
0. 000
1. 232
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            On
Sample method
Measured
JAEA
                                                                                                                                                                                                                                                                            Passive cycle raw data
                                                                                                                                                                                                                                                                                              Singles
188179
187370
                                                                                                                                                                                                                                                                                                                              R+A
40151
39899
39971
                                                                                                                                                                                                                                                                                                                                                                               Scaler1
142663
142036
142323
                                                                                                                                                                                                                                                                                                                                                                                                        Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                            Cycle
                                                                                                                                                                                                                                                                                                                                                         37604
36992
                        Isotopics id: Default
                                                                                                                                                                                                                                                                                                  186963
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                              39605
40064
39970
39883
                                                                                                                                                                                                                                                                                                                                                        36885
37732
37949
37751
                                                                                                                                                                                                                                                                                                                                                                                 141870
142157
142127
142182
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                  186448
                                                                                                                                                                                                                                                                                                                                                                                                                      0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                      0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                  187462
188099
187243
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                 142208
                                          Pu241:
                                                                                                                                                                                                                                                                                                  188334
                                                                                                                                                                                                                                                                                                                               40378
                                                                                                                                                                                                                                                                                                                                                         37523
                                          Pu242:
                                                                                                                                                                                                                                                                                                  187702
188033
                                                                                                                                                                                                                                                                                                                               40391
                                                                                                                                                                                                                                                                                                                                                         37836
37779
                                                                                                                                                                                                                                                                                                                                                                                 142015
141859
                                    Pu242:
Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                      20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                                                                                                                                                                                                                 10
                                                                                              0.0000
                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                            Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                        Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                    Singles
3136.317
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                                                                                       Doubles
42. 283
                                                                                                                                                                                                                                                                            Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                               Mass QC Tests
0.000 Pass
                                                               64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                   3136. 317
3122. 833
3116. 050
3107. 467
3124. 367
3134. 983
3120. 717
                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                          38. 250
49. 650
45. 333
38. 867
33. 683
35. 533
47. 583
42. 583
40. 283
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                   6
7
                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
                                                                                                                                                                                                                                                                                                    3138. 900
3128. 367
3133. 883
                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
 Normalization constant:
                                                                                                     0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                    (2)
```

	202002_AFAS-P Bottom Fork_Po	osition10.txt			202002_	AFAS-P Bottom Fork	_Position10.txt
INCC 5.1.2	PFPF		Passi	ve triples bl ve scaler1 bl ve scaler2 bl	kgrnd: 0.	000 +- 0.000 000 000	
Material balance area: Detector type: Detector id:	JM2G AFAS JSR_03			per passive cy Count time	/cles:	10 60	
Electronics id: Inventory change code: I/O code:	JSR-12		Passiv	e error messa	ages		
Measurement date: Results file name:	20. 02. 05 13:09:25 025N0925. VER		No kno	own alpha cali	ibration		
Inspection number: Item id:	PB10 202002		Result	is .			
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:					Single Double Triple Scaler Scaler	es: 6578. 633 es: 0. 000 1: 310. 963	+ 17. 980 + 0. 000 + 0. 695
Error calculation: Accidentals method:	Sample method Measured		Passiv	ve cycle raw o	data		
Inspector name: Passive comment:	JAEA		Cycle 1 2	Singles 2305982 2309367		A Scaler1 667688 18451 684376 18750	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000 0.2.05 0.0000 +- 0.0000	3 4 5 6 7 7 8 9	2307806 2306024 2307224 2308637 2308637 2308256 2309695 2307675 2310272	6062440 56 6067669 56 6075738 56 6077651 56 6087166 56 6073365 56 6090615 57	177068 18695 168676 18537 175286 18700 184967 18824 186320 18584 187849 18709 176871 18825 00057 18503	O Pass
Am date:	00. 01. 01 20.	02. 05	Passiv	e cycle rate Singles	Doubles	Triples	Mass QC Tests
Fredeiay. Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 30 64. 00 64. 00 1720 50. 0000 0. 0127 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000		typrie 1 2 3 4 5 6 7 8 9	38433 033 38489 450 38463 433 38433 733 38453 733 38477 283 38470 933 38494 917 38461 250 38504 533	6502 168 6592. 900 6633. 450 6649. 683 6562. 733 6539. 717 6512. 850 6522. 183 6655. 283 6608. 233 6509. 300	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass UC 185ts 0.000 Pass
Normalization constant:	1.0000 +- 0.0000						
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 + 0.000 0.000 + 0.000						
	(1)					(2)	

```
202002_AFAS-P Collar_Position1.txt
                                                                                                                                                                                                                                                                                                                                    202002_AFAS-P Collar_Position1.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                                    Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                       0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                   0.000
    Facility: PFPF
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                     Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                       Number passive cycles:
                                                                                                                                                                                                                                                                                   Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                  Passive error messages
                                                          20. 02. 05 09:25:25
025J2525. VER
                                                                                                                                                                                                                                                                  No known alpha calibration
            Results
                                                          PC01 202002
XXXX
                                                                                                                                                                                                                                                                                                                            Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                   1027.608 +-
                                                                                                                                                                                                                                                                                                                                                                                                      1.363
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                         Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                      3. 776 +-
0. 000 +-
49. 487 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                      0. 559
0. 000
0. 337
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          On
Sample method
Measured
JAEA
                                                                                                                                                                                                                                                                  Passive cycle raw data
                                                                                                                                                                                                                                                                                    Singles
61560
61689
61698
                                                                                                                                                                                                                                                                                                                    R+A
4223
4307
4328
                                                                                                                                                                                                                                                                                                                                                                  Scaler 1
2966
2913
2968
                                                                                                                                                                                                                                                                                                                                                                                          Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                   Cycle
                                                                                                                                                                                                                                                                                                                                              A
4157
4007
4083
                        Isotopics id: Default
                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                     4254
4272
4156
4303
4376
                                                                                                                                                                                                                                                                                                                                              3888
3946
4079
4195
4134
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                          61302
61701
61301
61845
                                                                                                                                                                                                                                                                                                                                                                       2847
3031
2925
3076
                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                        0
0
0
0
0
0
                                                                                          0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                  0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                 0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                        3003
2976
2987
                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
                                                                                                                                                                                                                                                                        8
9
10
                                                                                                                                                                                                                                                                                          62190
                                        Pu241:
                                        Pu242:
                                                                                                                                                                                                                                                                                          61688
61536
                                                                                                                                                                                                                                                                                                                      4259
4258
                                                                                                                                                                                                                                                                                                                                               4001
                                   Pu242:
Pu date:
Am241:
Am date:
                                                          00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                  20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                           0.0000
                                                                                                                                                  0.0000
                                                                                                                                                                                                                                                                  Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                           Doubles
1, 100
5, 002
4, 085
6, 102
5, 435
1, 284
                                                                                                                                                                                                                                                                                                                                                            Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                          Singles
1026.091
                                                                 1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                 Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                  Cvcle
                                                             64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                          1028. 241
1028. 391
1021. 790
1028. 441
                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                         6
                                                                                                                                                                                                                                                                                          1021, 774
                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
                                                                                                                                                                                                                                                                                          1030 842
                                                                                                                                                                                                                                                                                                                                 1 801
                                                                                                                                                                                                                                                                                          1036, 593
1028, 225
1025, 691
                                                                                                                                                                                                                                                                                                                                4. 035
4. 302
4. 618
                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                    1.0000 +-
                                                                                                  0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                    0.000 +-
0.000 +-
                                                                                                    (1)
                                                                                                                                                                                                                                                                                                                                                                       (2)
```

	202002_AFAS-P Collar_Position2.txt		202002_AF	AS-P Collar_Position2.	txt
INCC 5.1.2 Facility:		Passive triples bk Passive scaler1 bk Passive scaler2 bk	grnd: 0.000	- 0.000	
Material balance area: Detector type: Detector id: Electronics id:	JM26 AFAS JSR_03 JSR-12	Number passive cy Count time (
Inventory change code: I/O code:		Passive error messa	iges		
Measurement date: Results file name:	20. 02. 05 09:41:29 025J4129. VER	No known alpha cali	bration		
Inspection number: Item id:	PC02 202002	Results			
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file On		Singles: Doubles: Triples: Scaler 1: Scaler 2:	5. 859 +- 0. 0. 000 +- 0. 42. 980 +- 0.	621 393 000 367 000
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw o	lata		
Inspector name: Passive comment:	JAEA	Cycle Singles 1 75568 2 74816	R+A A 6610 6239 6199 5949	Scaler1 Scaler2 2470 0 2579 0	
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 100.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000	3 75609 4 75541 5 75104 6 75688 7 75599 8 74959 9 75338 10 75190 Passive cycle rate	6472 6002 6551 6260 6493 6086 6399 6035 6538 6222 6411 6122 6505 6050 6301 6000	2587 2662 C 2605 C 2611 C 2524 C 2560 C 2693 C	Pass Pass Pass Pass Pass Pass Pass Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.1620 86.5000 0.3458 0.0299 0.0000 0.0001	Cycle Singles 1 1259.604 2 1247.068 3 1260.287 4 1259.154 5 1251.869 6 1261.604 7 1260.121 8 1249.452 9 1255.770 10 1253.302	Doub les 6. 186 4. 168 7. 837 4. 852 6. 786 6. 069 5. 269 4. 819 7. 587 5. 019	Triples Mas 0.000 0.00 0.000 0.00 0.000 0.00 0.000 0.00 0.000 0.00 0.000 0.00 0.000 0.00 0.000 0.00 0.000 0.00 0.000 0.00 0.000 0.00 0.000 0.00 0.000 0.00	0 Pass 0 Pass 10 Pass 10 Pass 10 Pass 10 Pass 10 Pass 10 Pass 10 Pass
Normalization constant:	1.0000 +- 0.0000				
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000				

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                    Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                           0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                        0.000
   Facility: PFPF
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                     Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                                       Number passive cycles:
                                                                                                                                                                                                                                                                                                   Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                  Passive error messages
                                                              20. 02. 05 09:58:34
025J5834. VER
                                                                                                                                                                                                                                                                                  No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                  Results
                                                              PC03 202002
XXXX
                                                                                                                                                                                                                                                                                                                                              Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                         675, 461 +-
                                                                                                                                                                                                                                                                                                                                                                                                                             0.976
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                           1. 705 +-
0. 000 +-
55. 600 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                             0. 280
0. 000
0. 482
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              On
Sample method
Measured
JAEA
                                                                                                                                                                                                                                                                                  Passive cycle raw data
                                                                                                                                                                                                                                                                                                     Singles
40502
40363
40827
                                                                                                                                                                                                                                                                                                                                      R+A
1840
1876
1930
                                                                                                                                                                                                                                                                                                                                                                                       Scaler1
3386
3300
3387
                                                                                                                                                                                                                                                                                                                                                                                                                 Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                  Cycle
                                                                                                                                                                                                                                                                                                                                                                  A
1776
1722
1741
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                             3162
3408
3294
3466
3256
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                       1900
1810
1898
1883
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                           40616
                                                                                                                                                                                                                                                                                                                                                                   1800
1746
1814
1717
1770
1753
1777
                                                                                                                                                                                                                                                                                                                                                                                                                               0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                         0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                           40186
40700
40498
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
                                                                                                                                                                                                                                                                                        8
9
10
                                                                                                                                                                                                                                                                                                           40378
                                           Pu241:
                                                                                                                                                                                                                                                                                                                                        1846
                                           Pu242:
                                                                                                                                                                                                                                                                                                           40538
                                                                                                                                                                                                                                                                                                                                        1861
1795
                                                                                                                                                                                                                                                                                                                                                                                              3414
3287
                                     Pu242:
Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                         20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                                                                                                                                                                                                                                           40645
                                                                                                0.0000
                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                  Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                Triples
0.000
0.000
0.000
0.000
0.000
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                            Singles
675.073
                                                                                                                                                                                                                                                                                                                                              Doubles
1.067
                                                                                                                                                                                                                                                                                                                                                                                                                       Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                  Cvcle
                                                                64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                            672. 756
680. 490
676. 973
669. 805
                                                                                                                                                                                                                                                                                                                                                   2. 567
3. 151
1. 667
1. 067
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                   1. 400
2. 767
1. 267
1. 800
0. 300
                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                         6
7
                                                                                                                                                                                                                                                                                                             678. 373
675. 006
                                                                                                                                                                                                                                                                                                            673. 006
675. 673
677. 456
                                                                        1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                             (2)
```

	202002_AFAS-P Collar_	Position4.txt					20	2002_AFAS	G-P Collar_P	osition4. txt
INCC 5.1.2 Facility:	PFPF				Passiv	e triples bk e scaler1 bk e scaler2 bk	grnd:	0. 000 +- 0. 000 0. 000	0.000	
Material balance area: Detector type: Detector id: Electronics id:	JM2G AFAS JSR_03 JSR-12				Numbe	r passive cy Count time (10 60		
Inventory change code: I/O code:						error messa				
Measurement date: Results file name: Inspection number:	20. 02. 05 10:14:38 025K1438. VER				No know Results	m alpha calil	bration			
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests: Error calculation:	PC04 202002 XXXX Pu 0.000 Verification Review disk file On Sample method				Passive	:cycle raw d	Sing Doub Trip Scale Scale	les: les: r 1:	1424. 842 9. 761 0. 000 234. 460 0. 000	← 0. 658 ← 0. 000 ← 0. 864
Accidentals method: Inspector name: Passive comment:	Measured JAEA				Cycle 1 2	Singles 85540 85442	R+A 8411 8457	A 7701 7858	Scaler1 14222 14026	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 20.02.05 0.0000 +- 20.02.05	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000		3 4 5 6 7 8 9	85180 85394 85251 85851 85688 85806 85460 85188	8364 8246 8232 8394 8597 8303 8448 8321	7832 7793 7806 7803 7913 7878 7796 7539	14026 14051 13950 14017 14132 14132 14313 14123 13710	O Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.1620 86.5000 0.3458 0.0299 0.0000 0.0001				Cycle 1 2 3 4 5 6 7 8 9 10	Singles 1425. 842 1424. 209 1419. 841 1423. 408 1421. 025 1431. 027 1428. 310 1430. 277 1424. 509 1419. 974	Doub I 11. 8 9. 9 8. 8 7. 5 7. 1 9. 8 11. 4 7. 0 10. 8 13. 0	39 88 71 54 03 55 06 87 72	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 +- 0.0000 0.000 +- 0.000	ı								
Passive doubles bkgrnd:	0.000 +- 0.000									

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                   Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                         0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                      0.000
   Facility: PFPF
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                   Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                                     Number passive cycles:
                                                                                                                                                                                                                                                                                                  Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                Passive error messages
                                                             20. 02. 05 10:30:42
025K3042. VER
                                                                                                                                                                                                                                                                                No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                Results
                                                             PC05 202002
XXXX
                                                                                                                                                                                                                                                                                                                                             Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                      1282.332 +-
                                                                                                                                                                                                                                                                                                                                                                                                                           1.622
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                       5. 751 +-
0. 000 +-
127. 388 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 775
0. 000
0. 484
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             On
Sample method
Measured
JAEA
                                                                                                                                                                                                                                                                                Passive cycle raw data
                                                                                                                                                                                                                                                                                                   Singles
76841
                                                                                                                                                                                                                                                                                                                                    R+A
6719
6622
6569
                                                                                                                                                                                                                                                                                                                                                                                     Scaler 1
7848
7695
7601
                                                                                                                                                                                                                                                                                                                                                                                                               Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                 Cycle
                                                                                                                                                                                                                                                                                                                                                                 A
6338
6051
6303
                                                                                                                                                                                                                                                                                                         76733
                         Isotopics id: Default
                                                                                                                                                                                                                                                                                                         76505
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                 6406
6349
6503
6482
6264
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                         76756
77121
77101
77237
                                                                                                                                                                                                                                                                                                                                     6605
6717
6582
6811
                                                                                                                                                                                                                                                                                                                                                                                            7647
7697
7641
7523
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                             0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
                                           Pu241:
                                                                                                                                                                                                                                                                                        8
                                                                                                                                                                                                                                                                                                         76818
                                                                                                                                                                                                                                                                                                                                      6803
                                                                                                                                                                                                                                                                                                                                                                                            7624
                                                                                                                                                                                                                                                                                                                                                                 6460
                                           Pu242:
                                                                                                                                                                                                                                                                                                         77527
76675
                                                                                                                                                                                                                                                                                                                                      6868
6575
                                                                                                                                                                                                                                                                                                                                                                                             7620
7537
                                     Pu242:
Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                        20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                                                                                                                                                                                                                      10
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                              Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                            Doubles
6. 353
9. 521
4. 435
3. 318
6. 136
                                                                                                                                                                                                                                                                                                         Singles
1280.825
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                                     Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                Cvcle
                                                                64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                         1279. 025
1275. 224
1279. 408
1285. 493
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                         1285. 159
1287. 427
1280. 442
1292. 261
1278. 058
                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                        6
                                                                                                                                                                                                                                                                                                                                                  1. 317
5. 486
                                                                                                                                                                                                                                                                                                                                                 8. 987
6. 803
5. 152
                                                                       1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                           (2)
```

	202002_AFAS-P Collar_Position6.txt			2	202002_AFAS	S-P Collar_P	osition6.txt
INCC 5.1.2	PFPF	Passiv	e triples bkg e scaler1 bkg e scaler2 bkg	grnd:	0.000 +- 0.000 0.000	0.000	
Material balance area: Detector type: Detector id:	TITE JULIG AFAS JSR 03	Numbe	r passive cyc Count time (s	cles:	10		
Electronics id: Inventory change code: I/O code:	JSR-12		error messag				
Measurement date: Results file name:	20.02.05 10:46:46 025K4646 VER	No know	n alpha calib	bration			
Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests: Error calculation:	PC06 202002 XXXX Pu 0.000 Verification Review disk file On Sample method	Results	cycle raw da	Dou Tri Sca Sca	ngles: ubles: iples: ler 1: ler 2:	1734. 695 11. 744 0. 000 63. 858 0. 000	← 1.007 ← 0.000 ← 0.353
Accidentals method: Inspector name: Passive comment:	Measured JAEA	Cycle 1 2	Singles 104092 103746	R+A 12471 12012	A 11549 11672	Scaler1 3898 3833	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 ← 0.0000	3 4 5 6 7 8 9	103746 103636 103636 104426 104215 104036 104090 103981 104473	11949 12115 12467 12440 12420 12196 12308 12327	11520 11520 11374 11861 11532 11638 11428 11528 11561	3868 3793 3809 3873 3874 3681 3787 3899	0 rass 0 Pass
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Toubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1620 86. 5000 0. 3458 0. 0299 0. 0000 0. 0001	Cycle 1 2 3 4 5 6 7 8 9 10	Singles 1735, 127 1729, 359 1733, 026 1727, 525 1740, 695 1737, 178 1734, 193 1735, 094 1733, 276 1741, 479	5. 7. 12. 10. 15. 13. 12.	376 670 154 357 106 142 041 808 008 774	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant:	1.0000 +- 0.0000						
Passive singles bkgrnd: Passive doubles bkgrnd:	$\begin{array}{ccc} 0.000 & \leftarrow & & 0.000 \\ 0.000 & \leftarrow & & 0.000 \end{array}$						

(2)

```
202002_AFAS-P Collar_Position7.txt
                                                                                                                                                                                                                                                                                                                                                  202002_AFAS-P Collar_Position7.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                      0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                   0.000
   Facility: PFPF
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                 Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                      0.000
                                                                                                                                                                                                                                                                                   Number passive cycles:
                                                                                                                                                                                                                                                                                               Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                              Passive error messages
                                                             20. 02. 05 11:02:51
025L0251. VER
                                                                                                                                                                                                                                                                              No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                               Results
                                                             PC07 202002
XXXX
                                                                                                                                                                                                                                                                                                                                          Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                  4432.685 +-
                                                                                                                                                                                                                                                                                                                                                                                                                       3.082
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                    85. 369 +-
0. 000 +-
101. 522 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                       2. 321
0. 000
0. 482
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             On
Sample method
Measured
JAEA
                                                                                                                                                                                                                                                                              Passive cycle raw data
                                                                                                                                                                                                                                                                                                 Singles
265594
264687
265521
                                                                                                                                                                                                                                                                                                                                 R+A
79945
79689
79878
                                                                                                                                                                                                                                                                                                                                                                                  Scaler1
6203
5988
6151
                                                                                                                                                                                                                                                                                                                                                                                                           Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                               Cycle
                                                                                                                                                                                                                                                                                                                                                            A
75167
74768
75280
                         Isotopics id: Default
                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                            76080
75348
75578
75902
75221
75815
74973
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                    266463
266035
265945
266331
                                                                                                                                                                                                                                                                                                                                 81412
81222
80271
80878
                                                                                                                                                                                                                                                                                                                                                                                        6134
6135
5980
6232
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                          0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                       0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
                                                                                                                                                                                                                                                                                    8
9
10
                                          Pu241:
                                                                                                                                                                                                                                                                                                    265684
                                                                                                                                                                                                                                                                                                                                 80050
                                                                                                                                                                                                                                                                                                                                                                                         6061
                                          Pu242:
                                                                                                                                                                                                                                                                                                   266745
265587
                                                                                                                                                                                                                                                                                                                                 81349
80581
                                                                                                                                                                                                                                                                                                                                                                                         6017
6012
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                       20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                               0.0000
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                              Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                           Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                       Singles
4428. 262
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                                                          Doubles
79. 755
                                                                                                                                                                                                                                                                                                                                                                                                                  Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                              Cvcle
                                                                64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                      4428. 262
4413. 133
4427. 044
4442. 756
4435. 617
4434. 116
4440. 554
                                                                                                                                                                                                                                                                                                                                             79. 755
82. 142
76. 751
89. 003
98. 050
78. 337
83. 061
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                     6
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
                                                                                                                                                                                                                                                                                                       4440. 554
4429. 763
4447. 460
4428. 145
                                                                                                                                                                                                                                                                                                                                             80. 607
92. 375
93. 610
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
                                                                                                      0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                       (2)
```

202002_AFAS-P Collar_Position8.txt	202002_AFAS-P Collar_Position8.txt
INCC 5.1.2 Facility: PFPF	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: JM2G Detector type: AFAS Detector id: JSR_03 Electronics id: JSR-12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: 1/0 code:	Passive error messages
Measurement date: 20.20.05 11:18:55 Results file name: 0.25L1855.VER Inspection number:	No known alpha calibration Results
Item id: PCO8 202002 Stratum id: XXXX Material type: Pu Original declared mass: 0.000 Measurement option: Verification Data source: Review disk file OC tests: On	Singles: 7362.238 ← 2.837 Doubles: 239.180 ← 2.600 Triples: 0.000 ← 0.000 Scaler 1: 1044.478 ← 0.715 Scaler 2: 0.000 ← 0.000
Error calculation: Sample method Accidentals method: Measured	Passive cycle raw data
Inspector name: JAEA Passive comment:	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 441317 222094 207678 62578 0 Pass 2 441664 222648 208332 62899 0 Pass
Isotopics id:	3 441366 222091 208376 62548 0 Pass 4 441480 222095 207996 62507 0 Pass 5 440842 221341 207625 62570 0 Pass 6 441801 222217 208045 62804 0 Pass 7 441336 2222351 208146 62724 0 Pass 8 442482 223908 208925 62828 0 Pass 9 440515 221783 206509 62640 0 Pass 10 441739 222227 207980 62589 0 Pass
Am date: 00.01.01 20.02.05	Passive cycle rate data
Predelay: 1.50	Cycle Singles Doubles Triples Mass QC Tests 1 7359-965 240.879 0.000 0.000 Pass 2 7365-755 239.209 0.000 0.000 Pass 3 7360-616 229.166 0.000 0.000 Pass 4 7362-685 235.582 0.000 0.000 Pass 5 7352.038 229.182 0.000 0.000 Pass 6 7360.282 237.353 0.000 0.000 Pass 8 7379.406 250.355 0.000 0.000 Pass 9 7346.581 255.214 0.000 0.000 Pass 10 7367.007 238.056 0.000 0.000 Pass
Normalization constant: 1.0000 ← 0.0000 Passive singles bkgrnd: 0.000 ← 0.000 Passive doubles bkgrnd: 0.000 ← 0.000	

```
202002_AFAS-P Collar_Position9.txt
                                                                                                                                                                                                                                                                                                                               202002_AFAS-P Collar_Position9.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                  0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                             0.000
                                                                                                                                                                                                                                                                 Passive triples bkgrnd:
Passive scaler1 bkgrnd:
   Facility: PFPF
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                 Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                   Number passive cycles:
                                                                                                                                                                                                                                                                              Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                              Passive error messages
                                                         20. 02. 05 11:39:00
025L3900. VER
                                                                                                                                                                                                                                                              No known alpha calibration
            Results
                                                         PC09 202002
                                                                                                                                                                                                                                                                                                                       Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                         XXXX
                                                                                                                                                                                                                                                                                                                                                           3127, 234 +-
                                                                                                                                                                                                                                                                                                                                                                                                3, 169
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                        Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                            41. 450 +-
0. 000 +-
2369. 067 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                1. 619
0. 000
1. 232
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                         On
Sample method
Measured
JAEA
                                                                                                                                                                                                                                                              Passive cycle raw data
                                                                                                                                                                                                                                                                                Singles
188179
187370
                                                                                                                                                                                                                                                                                                              R+A
40151
39899
39971
                                                                                                                                                                                                                                                                                                                                                            Scaler1
142663
142036
142323
                                                                                                                                                                                                                                                                                                                                                                                    Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                               Cycle
                                                                                                                                                                                                                                                                                                                                       37604
36992
                       Isotopics id: Default
                                                                                                                                                                                                                                                                                    186963
                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                              39605
40064
39970
39883
                                                                                                                                                                                                                                                                                                                                       36885
37732
37949
37751
                                                                                                                                                                                                                                                                                                                                                              141870
142157
142127
142182
                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                    186448
                                                                                                                                                                                                                                                                                                                                                                                                  0
0
0
0
0
0
                                                                                         0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                              0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                   187462
188099
187243
                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                               142208
                                        Pu241:
                                                                                                                                                                                                                                                                                   188334
                                                                                                                                                                                                                                                                                                               40378
                                                                                                                                                                                                                                                                                                                                       37523
                                        Pu242:
                                                                                                                                                                                                                                                                                   187702
188033
                                                                                                                                                                                                                                                                                                               40391
                                                                                                                                                                                                                                                                                                                                       37836
37779
                                                                                                                                                                                                                                                                                                                                                               142015
141859
                                  Pu date:
Am241:
Am date:
                                                         00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                                                                                                                                                                                                    10
                                                                                         0.0000
                                                                                                                                                0.0000
                                                                                                                                                                                                                                                              Passive cycle rate data
                Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                      Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                     Singles
3137, 167
                                                                1.50
64.00
                                                                                                                                                                                                                                                              Cvcle
                                                                                                                                                                                                                                                                                                                       Doubles
42. 329
                                                                                                                                                                                                                                                                                                                                                                                           Mass QC Tests
0.000 Pass
                                                            64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                     3123. 677
3116. 890
3108. 302
3125. 211
                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                         38. 291
49. 704
45. 382
38. 909
33. 720
35. 572
47. 635
42. 629
40. 327
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                     6
7
                                                                                                                                                                                                                                                                                      3135, 833
                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
                                                                                                                                                                                                                                                                                     3121. 559
3139. 752
3129. 213
3134. 733
                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                   1.0000 +-
 Normalization constant:
                                                                                                0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                   0.000 +-
0.000 +-
                                                                                                  (1)
                                                                                                                                                                                                                                                                                                                                                                 (2)
```

	202002_AFAS-P Collar_Position10.txt	202002_AFAS-P Collar_Position10.txt
INCC 5.1.2 Facility:	PFPF	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JM26 AFAS JSR-03 JSR-12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:	20. 02. 05 13:09:25 025M0925. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	PC10 202002 XXXX Pu 0.000 Verification Review disk file 0n	Singles: 38596.799 ← 7.711 Doubles: 6667.024 ← 18.222 Triples: 0.000 ← 0.000 Scaler 1: 310.963 ← 0.695 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	JAEA	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 2305982 6063262 5667688 18451 0 Pass 2 2309367 6082383 5684376 18750 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu241: Pu242: Pu date: Am241:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01.01 0.0000 ← 0.0000 0.0000 ← 0.0000	3 2307806 6076049 5677068 18695 0 Pass 4 2306024 6062440 5668676 18537 0 Pass 5 2307224 6067669 5675286 18700 0 Pass 6 2308637 6075738 5684967 18824 0 Pass 7 2308256 6077651 5686320 18584 0 Pass 8 2309695 6087166 5687849 18709 0 Pass 9 2307675 6073365 5676871 18825 0 Pass 10 2310272 6090615 5700057 18503 0 Pass
Am date:	00. 01. 01 20. 02. 05	Passive cycle rate data Cycle Singles Doubles Triples Mass QC Tests
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient G deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.1620 86.5000 0.3458 0.0299 0.0000 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 38561.367 6681.400 0.000 0.000 Pass 2 38618.161 6722.627 0.000 0.000 Pass 3 38591.970 6739.017 0.000 0.000 Pass 4 38562.071 6650.831 0.000 0.000 Pass 5 38582.205 6627.551 0.000 0.000 Pass 6 38605.913 6600.378 0.000 0.000 Pass 7 38599.520 6609.822 0.000 0.000 Pass 8 38623.665 6744.767 0.000 0.000 Pass 9 38589.772 6697.005 0.000 0.000 Pass 10 38633.346 6596.842 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 ← 0.0000 0.000 ← 0.000	
Passive doubles bkgrnd:	0.000 ÷ 0.000 (1)	(2)

```
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                               0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                             0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                              PFPF
JM2G
AFAS
JSR_02
                                                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                                          Number passive cycles:
                                                                                                                                                                                                                                                                                                       Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                     Passive error messages
                                                              20. 02. 05 09:24:57
025J2457. VER
                                                                                                                                                                                                                                                                                     No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                     Results
                                                              PT01 202002
                                                                                                                                                                                                                                                                                                                                                   Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                38.357 +-
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                  0.296
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                0. 013 +-
0. 000 +-
94. 788 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                  0. 010
0. 000
0. 452
0. 000
                                                              On
Sample method
Measured
JAEA
                                                                                                                                                                                                                                                                                     Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                                     Singles
2203
2311
2240
                                                                                                                                                                                                                                                                                                                                                                                            Scaler 1
5659
5769
5680
                                                                                                                                                                                                                                                                                      Cycle
                          Isotopics id:
                                                              Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                2323
2319
2316
2309
                                                                                                                                                                                                                                                                                                                                                                                                  5543
5603
5607
5731
                                                                                                                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
                                                                                                                                                                                                                                                                                           8
9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                                2279
                                                                                                                                                                                                                                                                                                                                                                                                  5700
                                           Pu242:
                                                                                                                                                                                                                                                                                                                2297
2417
                                                                                                                                                                                                                                                                                                                                                                                                  5811
5770
                                      Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000
00. 01. 01
                                                                                                                          20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                                 0.0000
                                                                                                                                                             0.0000
                                                                                                                                                                                                                                                                                     Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                     Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                   Doubles
0. 033
0. 017
0. 000
-0. 017
0. 000
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                Singles
36.717
                                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                     Cvcle
                                                                 64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                   38. 517
37. 333
38. 717
38. 650
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 083
-0. 017
0. 000
0. 050
-0. 017
                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                             6
7
                                                                                                                                                                                                                                                                                                                   38. 600
38. 483
                                                                                                                                                                                                                                                                                                                  37. 983
38. 283
40. 283
                                                                         1.0000 +-
                                                                                                         0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.000 +-
0.000 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                 (2)
```

	202002_AFAS-P Top Fork_Position2.txt	202002_AFAS-P Top Fork_Position2.txt
INCC 5. 1. 2		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000
Facility: Material balance area: Detector type:	PEPE JMZG AFAS	Passive scaler2 bkgrnd: 0.000 Number passive cycles: 10
Detector id: Electronics id: Inventory change code: I/O code:	JSR_02 JSR-12	Count time (sec): 60 Passive error messages
Measurement date: Results file name:	20. 02. 05 09:41:01 025J4101. VER	No known alpha calibration
Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	PT02 202002 XXXX Pu 0.000 Verification Review disk file	Results Singles: 58.883 ← 0.275 Doubles: 0.042 ← 0.027 Triples: 0.000 ← 0.000 Scaler 1: 161.915 ← 0.524 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	JAEA	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 3565 14 17 9829 0 Pass 2 3526 20 10 9664 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 3577 16 13 9764 0 Pass 4 5528 13 9 9848 0 Pass 5 3567 20 17 9791 0 Pass 6 3469 10 14 9505 0 Pass 7 3632 15 9 9693 0 Pass 8 3486 23 14 9696 0 Pass 9 3474 15 13 9674 0 Pass 10 3506 15 20 9685 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0126 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	Cycle Singles Doubles Triples Mass OC Tests 1 59.417 -0.050 0.000 0.000 Pass 2 58.767 0.167 0.000 0.000 0.000 Pass 3 59.617 0.050 0.000 0.000 Pass 4 58.800 0.067 0.000 0.000 Pass 5 59.450 0.050 0.000 0.000 Pass 6 57.817 -0.067 0.000 0.000 Pass 7 60.533 0.100 0.000 0.000 Pass 8 58.100 0.150 0.000 0.000 Pass 9 57.900 0.033 0.000 0.000 Pass 10 58.433 -0.083 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 ← 0.0000 0.000 ← 0.000	
Passive doubles bkgrnd:	0.000 ← 0.000	(2)
	(1)	(2)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                  0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                                0.000
   Facility: PFPF
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_02
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                          Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                             Number passive cycles:
                                                                                                                                                                                                                                                                                                         Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                        Passive error messages
                                                               20. 02. 05 09:58:06
025J5806. VER
                                                                                                                                                                                                                                                                                        No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                        Results
                                                               PT03 202002
                                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                               XXXX
                                                                                                                                                                                                                                                                                                                                                                                                217.878 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                      0.619
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                   0. 085 +-
0. 000 +-
52. 180 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                      0. 102
0. 000
0. 412
0. 000
           QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                               On
Sample method
Measured
JAEA
                                                                                                                                                                                                                                                                                        Passive cycle raw data
                                                                                                                                                                                                                                                                                                           Singles
13135
13191
13153
                                                                                                                                                                                                                                                                                                                                             R+A
185
193
175
                                                                                                                                                                                                                                                                                                                                                                                               Scaler 1
3190
3147
3228
                                                                                                                                                                                                                                                                                                                                                                                                                         Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                                                                         A
168
210
195
                                                                                                                                                                                                                                                                                        Cycle
                          Isotopics id: Default
                                                              0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                 12915
13050
13226
12961
                                                                                                                                                                                                                                                                                                                                                                                                     3042
3137
3166
3133
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                  181
194
214
190
175
196
173
                                                                                                                                                                                                                                                                                                                                                                            169
177
183
177
200
174
172
                                                                                                                                                                                                                                                                                                                                                                                                                                        0
0
0
0
0
0
                                                                                                  0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
                                                                                                                                                                                                                                                                                             8
9
10
                                            Pu241:
                                                                                                                                                                                                                                                                                                                 13141
                                                                                                                                                                                                                                                                                                                                                                                                     2991
                                            Pu242:
                                                                                                                                                                                                                                                                                                                 13066
12889
                                                                                                                                                                                                                                                                                                                                                                                                      3218
3056
                                      Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000
00. 01. 01
                                                                                                                           20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                                  0.0000
                                                                                                                                                              0.0000
                                                                                                                                                                                                                                                                                        Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                        Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                     Doubles
0. 283
-0. 283
-0. 333
0. 200
0. 283
                                                                                                                                                                                                                                                                                                                   Singles
218.917
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                                                Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                        Cvcle
                                                                  64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                   219. 850
219. 217
215. 250
217. 500
                                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                  220. 433
216. 017
219. 017
217. 767
214. 817
                                                                                                                                                                                                                                                                                                                                                          0. 263
0. 517
0. 217
-0. 417
0. 367
0. 017
                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                               6
7
                                                                         1.0000 +-
                                                                                                          0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.000 +-
0.000 +-
                                                                                                            (1)
                                                                                                                                                                                                                                                                                                                                                                                                     (2)
```

	202002_AFAS-P Top Fork_Position4.txt	202002_AFAS-P Top Fork_Position4.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	AFAS JSR_02	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name:	20. 02. 05 10:15:10 025K1510. VER	No known alpha calibration
Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file	Results Singles: 843.212 ← 1.579 Doubles: 2.315 ← 0.168 Triples: 0.000 ← 0.000 Scaler 1: 42.028 ← 0.353 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	JAEA	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 50274 2837 2715 2456 0 Pass 2 50500 2809 2673 2554 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3 50426 2925 2721 2505 0 Pass 4 50596 2806 2666 2464 0 Pass 5 50578 2860 2739 2643 0 Pass 6 51209 3001 2856 2542 0 Pass 7 50152 2789 2665 2469 0 Pass 8 50855 2914 2808 2477 0 Pass 9 50757 2937 2754 2622 0 Pass 10 50580 2848 2740 2485 0 Pass
Am date:		Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001	Cycle Singles Doubles Triples Mass QC Tests 1 837.900 2.033 0.000 0.000 Pass 2 841.667 2.267 0.000 0.000 Pass 3 840.433 3.400 0.000 0.000 Pass 5 842.967 2.333 0.000 0.000 Pass 6 853.483 2.417 0.000 0.000 Pass 7 835.867 2.067 0.000 0.000 Pass 8 847.583 1.767 0.000 0.000 Pass 9 845.950 3.050 0.000 0.000 Pass 10 843.000 1.800 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd: Passive doubles bkgrnd:	1.0000 ← 0.0000 0.000 ← 0.000 0.000 ← 0.000	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                     Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                           0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                         0.000
   Facility: PFPF
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_02
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                     Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                                       Number passive cycles:
                                                                                                                                                                                                                                                                                                    Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                  Passive error messages
                                                              20. 02. 05 10:30:14
025K3014. VER
                                                                                                                                                                                                                                                                                  No known alpha calibration
             Results
                                                             PT05 202002
XXXX
                                                                                                                                                                                                                                                                                                                                               Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                       2569.875 +-
                                                                                                                                                                                                                                                                                                                                                                                                                              1.905
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                           29. 263 +-
0. 000 +-
45. 735 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                              1. 037
0. 000
0. 254
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              On
Sample method
Measured
JAEA
                                                                                                                                                                                                                                                                                  Passive cycle raw data
                                                                                                                                                                                                                                                                                                     Singles
153844
154267
154200
                                                                                                                                                                                                                                                                                                                                      R+A
26855
26991
27128
                                                                                                                                                                                                                                                                                                                                                                                        Scaler 1
2814
2780
2734
                                                                                                                                                                                                                                                                                                                                                                                                                  Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                   Cycle
                                                                                                                                                                                                                                                                                                                                                                A
24850
25418
25218
                         Isotopics id: Default
                                                             0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                      27128
27270
27337
27002
26953
26861
                                                                                                                                                                                                                                                                                                                                                                25218
25605
25393
25539
25253
25319
25394
25157
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                             2781
2758
2797
2690
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                         154872
                                                                                                                                                                                                                                                                                                                                                                                                                                0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                          0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                         154296
154440
154054
153939
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                              2708
                                           Pu241:
                                                                                                                                                                                                                                                                                          8
                                           Pu242:
                                                                                                                                                                                                                                                                                                         154432
                                                                                                                                                                                                                                                                                                                                      27375
26932
                                                                                                                                                                                                                                                                                                                                                                                               2692
2687
                                    Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                         20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                                                                                                                                                                                                                        10
                                                                                                                                                                                                                                                                                                         153581
                                                                                                0.0000
                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                  Passive cycle rate data
                                                                                                                                                                                                                                                                                                          Singles
2564.067
2571.117
2570.000
2581.200
2571.600
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                 Triples
0.000
0.000
0.000
0.000
0.000
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                  Cvcle
                                                                                                                                                                                                                                                                                                                                               Doubles
33, 417
                                                                                                                                                                                                                                                                                                                                                                                                                         Mass QC Tests
0.000 Pass
                                                                 64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                  26. 217
31. 833
27. 750
32. 400
24. 383
28. 333
25. 700
33. 017
29. 583
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                          6
7
                                                                                                                                                                                                                                                                                                            2574.000
2567.567
                                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
                                                                                                                                                                                                                                                                                                           2565. 650
2573. 867
2559. 683
                                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                        1.0000 +-
                                                                                                        0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                             (2)
```

	202002_AFAS-P Top Fork_Position6.txt	202002_AFAS-P Top Fork_Position6.txt
INCC 5.1.2	PEPE	Passive triples bkgrnd: 0.000 +- 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JM2G AFAS JSR_02	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
Measurement date: Results file name:	20. 02. 05 10:47:18 025K4718. VER	No known alpha calibration
Inspection number: Item id:		Results
Stratum id: Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file	Singles: 33.963 + 0.242 Doubles: -0.025 + 0.017 Triples: 0.000 + 0.000 Scaler 1: 2212.643 + 2.211 Scaler 2: 0.000 + 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	JAEA	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 1951 8 3 132247 0 Pass 2 2073 2 4 132792 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3 2049 3 9 132982 0 Pass 4 2084 4 7 133141 0 Pass 5 2007 3 5 133658 0 Pass 6 2027 7 4 132380 0 Pass 7 2031 5 8 132800 0 Pass 8 2106 8 10 132562 0 Pass 9 1995 7 10 132567 0 Pass 10 2055 1 3 132437 0 Pass
Am date:	00. 01. 01	Passive cycle rate data Cycle Singles Doubles Triples Mass QC Tests
Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	64.00 64.00 1720 50.0000 0.0126 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	1 32.517 0.083 0.000 0.000 Pass 2 34.550 -0.033 0.000 0.000 Pass 3 34.150 -0.100 0.000 0.000 Pass 4 34.733 -0.050 0.000 0.000 Pass 5 33.450 -0.033 0.000 0.000 Pass 6 33.783 0.050 0.000 0.000 Pass 7 33.850 -0.050 0.000 0.000 Pass 8 35.100 -0.050 0.000 0.000 Pass 9 33.250 -0.050 0.000 0.000 Pass 10 34.250 -0.050 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000	
	(1)	(2)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                    Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                           0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                        0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                     Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                                       Number passive cycles:
                                                                                                                                                                                                                                                                                                   Count time (sec)
                                                              JSR-12
    Inventory change code:

1/0 code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                  Passive error messages
                                                              20. 02. 05 11:02:22
025L0222. VER
                                                                                                                                                                                                                                                                                  No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                  Results
                                                              PT07 202002
                                                                                                                                                                                                                                                                                                                                               Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                           29.510 +-
                                                                                                                                                                                                                                                                                                                                                                                                                             0.239
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                        -0.008 +-
0.000 +-
757.540 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                             0. 016
0. 000
0. 806
0. 000
                                                              On
Sample method
Measured
JAEA
                                                                                                                                                                                                                                                                                  Passive cycle raw data
                                                                                                                                                                                                                                                                                                    Singles
1773
                                                                                                                                                                                                                                                                                                                                                                                       Scaler 1
45447
45686
45559
                                                                                                                                                                                                                                                                                                                                                                                                                 Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                   Cycle
                                                                                                                                                                                                                                                                                                              1766
1731
                         Isotopics id:
                                                              Default
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                              0. 0000 +-
0. 0000 +-
100. 0000 +-
                                                                                                                                                                                                                                                                                                                                                                                           45494
45126
45467
45569
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                              1803
                                                                                                                                                                                                                                                                                                                                                                                                                               0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                         0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                              1857
1743
1724
                                                                                                                                                                                                                                                                                                             1821
1717
1771
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
                                                                   0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                        8
9
10
                                                                                                                                                                                                                                                                                                                                                                                           45323
                                           Pu241:
                                           Pu242:
                                                                                                                                                                                                                                                                                                                                                                                           45472
45381
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000
00. 01. 01
                                                                                                                         20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                                0.0000
                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                  Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                               Doubles
-0. 017
-0. 100
0. 033
0. 050
0. 000
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                             Singles
29.550
                                                                                                                                                                                                                                                                                  Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                        Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                               29. 433
28. 850
30. 050
30. 950
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 033
-0. 050
-0. 017
0. 050
-0. 067
                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                         6
7
                                                                                                                                                                                                                                                                                                               29. 050
28. 733
                                                                                                                                                                                                                                                                                                               20. 733
30. 350
28. 617
29. 517
                                                                        1.0000 +-
 Normalization constant:
                                                                                                        0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                             (2)
```

	202002_AFAS-P Top Fork_Position8.txt	202002_AFAS-P Top Fork_Position8.txt
INCC 5.1.2 Facility:	PEPE	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JM26 AFAS JSR_02 JSR-12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:	ON 12	Passive error messages
Measurement date: Results file name: Inspection number:	20. 02. 05 11:19:27 025L1927. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	PTOB 202002 XXXX Pu 0.000 Verification Review disk file	Singles: 143.318 ← 0.617 Doubles: 0.122 ← 0.046 Triples: 0.000 ← 0.000 Scaler 1: 90.870 ← 0.285 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	JAEA	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 8762 94 79 5417 0 Pass 2 8667 71 81 5408 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 8597 86 68 55111 0 Pass 4 8517 81 76 5427 0 Pass 5 8782 81 81 5540 0 Pass 6 8454 80 65 5477 0 Pass 7 8621 87 79 5473 0 Pass 8 8617 90 78 5553 0 Pass 9 8538 82 72 5445 0 Pass 10 8436 77 77 5471 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	Cycle Singles Doubles Triples Mass OC Tests 1 146.033 0.250 0.000 0.000 Pass 2 144.450 -0.167 0.000 0.000 Pass 3 143.283 0.300 0.000 0.000 Pass 4 141.950 0.083 0.000 0.000 Pass 5 146.367 0.000 0.000 0.000 Pass 6 140.900 0.250 0.000 0.000 Pass 7 143.683 0.133 0.000 0.000 Pass 8 143.617 0.200 0.000 0.000 Pass 9 142.300 0.167 0.000 0.000 Pass 10 140.600 0.000 0.000 0.000 0.000 Pass
Normalization constant:	1.0000 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000	
	(1)	(2)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                              0.000
   Facility: PFPF
Material balance area: JM26
Detector type: AFAS
Detector id: JSR_02
Electronics id: JSR-12
                                                                                                                                                                                                                                                                             Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                               Number passive cycles:
                                                                                                                                                                                                                                                                                           Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                          Passive error messages
                                                            20. 02. 05 11:38:32
025L3832. VER
                                                                                                                                                                                                                                                                          No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                          Results
                                                           PT09 202002
XXXX
                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                 87.775 +-
                                                                                                                                                                                                                                                                                                                                                                                                                  0.561
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                 0.063 +-
0.000 +-
75.195 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 067
0. 000
0. 362
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            On
Sample method
Measured
JAEA
                                                                                                                                                                                                                                                                          Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                     R+A
25
40
30
30
23
52
38
26
31
32
                                                                                                                                                                                                                                                                                             Singles
5330
                                                                                                                                                                                                                                                                                                                                                                             Scaler 1
4470
4511
4555
                                                                                                                                                                                                                                                                           Cycle
                                                                                                                                                                                                                                                                                                                                                             28
22
25
                                                                                                                                                                                                                                                                                                     5231
5310
                         Isotopics id: Default
                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                                   4508
4605
4568
4579
4381
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                     5387
                                                                                                                                                                                                                                                                                                                                                              36
35
21
29
31
31
31
                                                                                                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                      0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                    5430
5187
5111
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                                                                                                                                                                                                                                                                8
9
10
                                          Pu241:
                                                                                                                                                                                                                                                                                                     5267
                                          Pu242:
                                                                                                                                                                                                                                                                                                    5295
5117
                                                                                                                                                                                                                                                                                                                                                                                    4439
                                    Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                     20. 02. 05
0. 0000 +-
20. 02. 05
                                                                                                                                                                                                                                                                                                                                                                                    4501
                                                                                              0.0000
                                                                                                                                                      0.0000
                                                                                                                                                                                                                                                                          Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                      Triples
0.000
0.000
0.000
0.000
0.000
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                                                    Singles
                                                                                                                                                                                                                                                                                                                                     Doubles
-0.050
0.300
0.083
-0.100
-0.200
0.517
0.150
-0.083
0.000
0.017
                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                          Cvcle
                                                                                                                                                                                                                                                                                                       88, 833
                                                               64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                      88. 833
87. 183
88. 500
89. 783
90. 500
86. 450
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                 6
7
                                                                                                                                                                                                                                                                                                       85 183
                                                                                                                                                                                                                                                                                                      87. 783
88. 250
85. 283
                                                                      1.0000 +-
                                                                                                     0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                  (2)
```

	202002_AFAS-P Top Fork_Position10.txt	202002_AFAS-P Top Fork_Position10.txt
INCC 5. 1. 2	DEPE	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000
Facility: Material balance area: Detector type: Detector id:	PFPF JM2g AFAS JSR 02	Passive scaler2 bkgrnd: 0.000 Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code:	JSR-12	Passive error messages
I/O code: Measurement date: Results file name:	20. 02. 05 13:09:56 025N0956, VER	No known alpha calibration
Inspection number: Item id: Stratum id:	PT10 202002 XXXX	Results Singles: 43.692 ← 0.297
Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file	Doubles: 0.012 ← 0.025 Triples: 0.000 ← 0.000 Scaler 1: 222.703 ← 0.663 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	JAEA	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 2640 11 7 13433 0 Pass 2 2637 6 9 13416 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default CO 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000	3 2591 10 5 13420 0 Pass 4 2535 6 6 13388 0 Pass 5 2647 7 11 13234 0 Pass 6 2712 13 6 13377 0 Pass 7 2644 13 10 13609 0 Pass 8 2680 3 6 13169 0 Pass 9 2578 5 12 13239 0 Pass 10 2551 9 4 13337 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 55.0000 0.0126 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 44,000 0.067 0.000 0.000 pass 2 43,950 -0.050 0.000 0.000 pass 3 43,183 0.083 0.000 0.000 0.000 pass 4 42,250 0.000 0.000 0.000 pass 6 45,200 0.117 0.000 0.000 pass 7 44.067 0.050 0.000 0.000 pass 8 44.667 -0.050 0.000 0.000 pass 9 42.967 -0.117 0.000 0.000 pass 10 42.517 0.083 0.000 0.000 pass
Normalization constant:	1.0000 +- 0.0000 0.000 +- 0.000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000	
	(1)	(2)

202003_AFAS-B Bottom Fork_Position1.txt

```
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                               0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                             0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                                          Number passive cycles:
                                                                                                                                                                                                                                                                                                       Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                     Passive error messages
                                                              20. 03. 03 09:32:15
033J3215. VER
                                                                                                                                                                                                                                                                                     No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                     Results
                                                              BB1 202003
                                                                                                                                                                                                                                                                                                                                                  Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                                37.632 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                  0. 221
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                0.002 +
0.000 +
93.757 +
0.000 +
                                                                                                                                                                                                                                                                                                                                                                                                                                  0. 013
0. 000
0. 474
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                     Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                                      Singles
                                                                                                                                                                                                                                                                                                                                                                                           Scaler 1
5533
5656
5676
                                                                                                                                                                                                                                                                                      Cycle
                                                                                                                                                                                                                                                                                                                 2266
2275
                                                                                                                                                                                                                                                                                                                                                 6
12
                          Isotopics id:
                                                              Default
                                                              0D

0.0000 +-

0.0000 +-

100.0000 +-

0.0000 +-

0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                2323
2219
2262
2243
                                                                                                                                                                                                                                                                                                                                                                                                  5462
5625
5599
5716
                                                                                                                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                                                                                                                  5652
5770
5565
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
                                                                                                                                                                                                                                                                                           8
9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                                2180
                                           Pu242:
                                                                                                                                                                                                                                                                                                                 2270
2309
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000
00. 01. 01
                                                                                                                          20. 03. 03
0. 0000 +-
20. 03. 03
                                                                                                 0.0000
                                                                                                                                                             0.0000
                                                                                                                                                                                                                                                                                      Passive cycle rate data
                                                                1. 50
64. 00
64. 00
1720
50. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                     Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                  Doubles
-0. 050
0. 033
0. 083
0. 033
0. 033
                                                                                                                                                                                                                                                                                                                Singles
37.200
                                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                     Cvcle
                                                                                                                                                                                                                                                                                                                   37. 767
37. 917
38. 717
36. 983
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                      -0. 017
-0. 050
-0. 017
-0. 017
-0. 017
                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                            6
7
                                                                                                                                                                                                                                                                                                                   37. 700
37. 383
                                                                                                                                                                                                                                                                                                                   36. 333
37. 833
38. 483
                                                                         1.0000 +-
                                                                                                         0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.000 +-
0.000 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                 (2)
```

	202003_AFAS-B Bottom Fork_Position2.txt	202003_AFAS-B Bottom Fork_Position2.txt
INCC 5.1.2	JMOX	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area:	JM2G	rassive scalerz pregniu. 0.000
Detector type:		Number passive cycles: 10
Detector id: Electronics id:		Count time (sec): 60
Inventory change code:	USN-12	Passive error messages
I/O code:		
	20. 03. 03 09:48:19	No known alpha calibration
Results file name: Inspection number:	033J4819. VER	Results
Item id:	BB2 202003	Nooures
Stratum id:		Singles: 57.115 + 0.226
Material type: Original declared mass:		Doubles: 0.015 ← 0.020 Triples: 0.000 ← 0.000
Measurement option:	Verification	Scaler 1: 160.120 + 0.429
Data source:	Review disk file	Scaler 2: 0.000 +- 0.000
QC tests: Error calculation:		Passive cycle raw data
Accidentals method:	Measured Measured	rassive cycle raw dala
Inspector name:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests
Passive comment:		1 3346 17 12 9669 0 Pass
Isotopics id:	Default	2 3466 11 11 9655 0 Pass 3 3447 13 10 9764 0 Pass
Isotopics source code:	OD OD	4 3485 13 9 9644 0 Pass
Pu238:	$0.0000 \leftarrow 0.0000$ $0.0000 \leftarrow 0.0000$	5 3468 9 15 9591 0 Pass
Pu239:	0.0000 + 0.0000	6 3434 15 12 9562 0 Pass 7 3405 15 18 9530 0 Pass
Pu240: Pu241:	100.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000	7 3405 15 18 9530 0 Pass 8 3433 15 18 9486 0 Pass
Pu242:	0.0000 + 0.0000 0.0000 + 0.0000	9 3396 14 10 9543 0 Pass
Pu date:	00. 01. 01 20. 03. 03	10 3389 15 13 9628 0 Pass
Am241:	0.0000 +- 0.0000	
Am date:	00. 01. 01 20. 03. 03	Passive cycle rate data
Predelay:	1.50	Cycle Singles Doubles Triples Mass QC Tests
Gate length:	64. 00	1 55. 767 0. 083 0. 000 0. 000 Pass
2nd gate length: High voltage:	64. 00 1720	2 57.767 0.000 0.000 0.000 Pass 3 57.450 0.050 0.000 0.000 Pass
Die away time:	50.0000	4 58.083 0.067 0.000 0.000 Pass
Efficiency:	0, 0060	5 57.800 -0.100 0.000 0.000 Pass
Multiplicity deadtime:	0. 0000	6 57. 233 0. 050 0. 000 0. 000 Pass
Coefficient A deadtime:	0. 0000	7 56.750 -0.050 0.000 0.000 Pass
Coefficient B deadtime:	0.0000	8 57. 217 -0. 050 0. 000 0. 000 Pass
Coefficient C deadtime: Doubles gate fraction:	0. 0000 0. 0001	9 56.600 0.067 0.000 0.000 Pass 10 56.483 0.033 0.000 0.000 Pass
Triples gate fraction:	0.0001	10 00. 400 0. 000 0. 000 0. 000 Fd55
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000	

202003_AFAS-B Bottom Fork_Position3.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                        Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                              0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                         Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                                           Number passive cycles:
                                                                                                                                                                                                                                                                                                        Count time (sec)
                                                               JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                      Passive error messages
                                                               20. 03. 03 10:05:24
033K0524. VER
                                                                                                                                                                                                                                                                                      No known alpha calibration
              Results
                                                               BB3 202003
                                                                                                                                                                                                                                                                                                                                                    Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                               XXXX
                                                                                                                                                                                                                                                                                                                                                                                              215, 005 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                    0.846
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                 0. 100 +-
0. 000 +-
51. 418 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                    0. 115
0. 000
0. 285
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                      Passive cycle raw data
                                                                                                                                                                                                                                                                                                          Singles
12675
12804
12994
                                                                                                                                                                                                                                                                                                                                           R+A
191
176
188
                                                                                                                                                                                                                                                                                                                                                                                             Scaler 1
3132
2994
3036
                                                                                                                                                                                                                                                                                                                                                                                                                       Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                                                                        A
155
189
179
                                                                                                                                                                                                                                                                                       Cycle
                          Isotopics id: Default
                                                              0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                   3155
3086
3055
3139
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                 12714
                                                                                                                                                                                                                                                                                                                                               161
167
193
187
201
184
203
                                                                                                                                                                                                                                                                                                                                                                           191
169
170
193
162
190
193
                                                                                                                                                                                                                                                                                                                                                                                                                                      0
0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                            0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                12906
12945
13247
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
                                                                                                                                                                                                                                                                                            8
9
10
                                            Pu241:
                                                                                                                                                                                                                                                                                                                12942
                                                                                                                                                                                                                                                                                                                                                                                                   3122
                                            Pu242:
                                                                                                                                                                                                                                                                                                                12934
12842
                                                                                                                                                                                                                                                                                                                                                                                                    3102
3030
                                      Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000
00. 01. 01
                                                                                                                           20. 03. 03
0. 0000 +-
20. 03. 03
                                                                                                  0.0000
                                                                                                                                                             0.0000
                                                                                                                                                                                                                                                                                       Passive cycle rate data
                                                                1. 50
64. 00
64. 00
1720
50. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                      Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                 Singles
211.250
                                                                                                                                                                                                                                                                                      Cvcle
                                                                                                                                                                                                                                                                                                                                                     Doubles |
                                                                                                                                                                                                                                                                                                                                                                                                                               Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                       0. 600
-0. 217
0. 150
-0. 500
-0. 033
0. 383
-0. 100
0. 650
-0. 100
0. 167
                                                                                                                                                                                                                                                                                                                 213. 400
216. 567
211. 900
215. 100
                                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                 215. 750
220. 783
215. 700
215. 567
214. 033
                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                              6
7
                                                                         1.0000 +-
                                                                                                          0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.000 +-
0.000 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                   (2)
```

202003_AFAS-B Bottom Fork_Position4.txt	202003_AFAS-B Bottom Fork_Position4.txt

	202003_AFAS-B Bottom Fork_Position4.txt	2	02003_AFAS-B Bottom Fork_Position4.txt
INCC 5.1.2	JMOX	Passive triples bkgrnd: Passive scaler1 bkgrnd: Passive scaler2 bkgrnd:	0.000 +- 0.000 0.000 0.000
Material balance area: Detector type: Detector id:	JM26 AFAS JSR .02	Number passive cycles: Count time (sec):	10 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages	
Measurement date: Results file name:		No known alpha calibration	
Inspection number: Item id:	BB4 202003	Results	
Stratum id: Material type:	XXXX Pu		Singles: 826.448 + 1.069 Doubles: 2.468 + 0.508
Original declared mass: Measurement option:			Triples: 0.000 + 0.000 caler 1: 42.307 + 0.338
Data source: QC tests:	Review disk file		caler 2: 0.000 + 0.000
Error calculation: Accidentals method:		Passive cycle raw data	
Inspector name: Passive comment:	measureu	Cycle Singles R+A 1 49595 2918 2 49756 2801	A Scaler1 Scaler2 QC Tests 2646 2460 0 Pass 2621 2620 0 Pacs
Isotopics id: Isotopics source code:		2 49756 2801 3 49521 2768 4 49788 2730	2621 2629 0 Pass 2659 2522 0 Pass 2604 2607 0 Pass
Pu238:	0.0000 +- 0.0000 0.0000 +- 0.0000	5 49517 2760	2526 2605 0 Pass
Pu239: Pu240:	0.0000 +- 0.0000	6 49765 2833 7 49577 2792	2618 2528 0 Pass 2759 2434 0 Pass
Pu241:	0.0000 +- 0.0000 0.0000 +- 0.0000	8 49090 2721	2608 2527 0 Pass
Pu242: Pu date:	0.0000 +- 0.0000	9 49562 2754 10 49698 2785	2785 2504 0 Pass 2555 2568 0 Pass
Am241:	0.0000 +- 0.0000 0.0000 +- 0.0000	10 49096 2765	2555 2568 0 Pass
	00. 01. 01 20. 03. 03	Passive cycle rate data	
Predelay:			oubles Triples Mass QC Tests
Gate length: 2nd gate length:	64. 00 64. 00	1 826. 583 2 829. 267	4. 533 0. 000 0. 000 Pass 3. 000 0. 000 0. 000 Pass
High voltage:	1720	3 825. 350	1. 817 0. 000 0. 000 Pass
Die away time:	50. 0000	4 829. 800	2. 100 0. 000 0. 000 Pass
Efficiency:	0. 0060 0. 0000	5 825. 283 6 829. 417	3. 900 0. 000 0. 000 Pass 3. 583 0. 000 0. 000 Pass
Multiplicity deadtime: Coefficient A deadtime:	0.0000	7 826. 283	0. 550 0. 000 0. 000 Pass
Coefficient B deadtime:	0.0000	8 818. 167	1. 883 0. 000 0. 000 Pass
Coefficient C deadtime:	0. 0000		-0. 517 0. 000 0. 000 Pass
Doubles gate fraction: Triples gate fraction:	0. 0001 0. 0001	10 828. 300	3. 833 0. 000 0. 000 Pass
Normalization constant:	1.0000 +- 0.0000		
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000		
	40		400

202003_AFAS-B Bottom Fork_Position5.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                  0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                                 0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_02
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                           Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                             Number passive cycles:
                                                                                                                                                                                                                                                                                                          Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                        Passive error messages
                                                               20. 03. 03 10:36:32
033K3632. VER
                                                                                                                                                                                                                                                                                        No known alpha calibration
              Results
                                                               BB5 202003
                                                                                                                                                                                                                                                                                                                                                      Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                               2522, 817 +-
                                                               XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                      1.345
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                   26. 922 +-
0. 000 +-
45. 293 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                      0. 862
0. 000
0. 266
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                        Passive cycle raw data
                                                                                                                                                                                                                                                                                                           Singles
151111
151581
151554
                                                                                                                                                                                                                                                                                                                                            R+A
26216
26160
26277
                                                                                                                                                                                                                                                                                                                                                                                               Scaler 1
2681
2787
2755
                                                                                                                                                                                                                                                                                                                                                                                                                          Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                         Cycle
                                                                                                                                                                                                                                                                                                                                                                        A
24666
24607
24451
                         Isotopics id: Default
                                                              0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                        24451
24381
24475
24167
24533
24688
24270
24713
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                               151515
151198
151142
151283
                                                                                                                                                                                                                                                                                                                                            26154
25905
26019
26058
                                                                                                                                                                                                                                                                                                                                                                                                     2714
2719
2622
2701
                                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                                         0
0
0
0
0
0
                                                                                                  0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                             0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                            26081
25982
26252
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
                                                                                                                                                                                                                                                                                              8
9
10
                                            Pu241:
                                                                                                                                                                                                                                                                                                               151685
                                                                                                                                                                                                                                                                                                                                                                                                      2790
                                                                                                                                                                                                                                                                                                              150976
151645
                                            Pu242:
                                                                                                                                                                                                                                                                                                                                                                                                       2715
2692
                                      Pu242:
Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                           20. 03. 03
0. 0000 +-
20. 03. 03
                                                                                                  0.0000
                                                                                                                                                              0.0000
                                                                                                                                                                                                                                                                                        Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                         Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                     Doubles
25, 833
25, 883
30, 433
29, 550
23, 833
                                                                                                                                                                                                                                                                                                                 Singles
2518.517
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                        Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                                 Mass QC Tests
0.000 Pass
                                                                  64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                  2526. 350
2525. 900
2525. 250
2519. 967
                                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                         25. 650
30. 867
25. 417
23. 217
28. 533
25. 650
                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                               6
7
                                                                                                                                                                                                                                                                                                                  2519.033
                                                                                                                                                                                                                                                                                                                  2521 383
                                                                                                                                                                                                                                                                                                                 2521. 363
2528. 083
2516. 267
2527. 417
                                                                         1.0000 +-
                                                                                                          0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.000 +-
0.000 +-
                                                                                                            (1)
                                                                                                                                                                                                                                                                                                                                                                                                     (2)
```

	202003_AFAS-B Bottom Fork_Position6.txt	202003_AFAS-B Bottom Fork_Position6.txt
INCC 5.1.2	JMOX	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JM2G AFAS	Number passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code:	JSR ⁼ 12	Passive error messages
I/O code: Measurement date: Results file name:	20. 03. 03 10:51:36 033K5136. VER	No known alpha calibration
Inspection number: Item id:		Results
Stratum id: Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification	$ \begin{array}{llllllllllllllllllllllllllllllllllll$
QC tests: Error calculation:	On Sample method	Passive cycle raw data
Accidentals method: Inspector name: Passive comment:	Measured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 2038 4 2 129919 0 Pass 2 1908 5 3 130138 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3 1903 6 6 129760 0 Pass 4 2010 5 1 131162 0 Pass 5 1968 6 6 130045 0 Pass 6 1971 3 6 130421 0 Pass 7 2010 5 3 129987 0 Pass 8 2026 3 1 130259 0 Pass 9 1970 3 9 130045 0 Pass 10 1887 1 5 129728 0 Pass
Am241: Am date:	0.0000 ← 0.0000 0.0000 ← 0.0000 00.01.01 20.03.03	Passive cycle rate data
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient G deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0000	Cycle Singles Doubles Triples Mass QC Tests 1 33.967 0.033 0.000 0.000 Pass 2 31.800 0.033 0.000 0.000 Pass 3 31.717 0.000 0.000 0.000 Pass 4 33.500 0.067 0.000 0.000 Pass 5 32.800 0.000 0.000 0.000 Pass 6 32.850 -0.050 0.000 0.000 Pass 7 33.500 0.033 0.000 0.000 Pass 8 33.767 0.033 0.000 0.000 Pass 9 32.833 -0.100 0.000 0.000 Pass 10 31.450 -0.067 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	0.000 +- 0.000	
Passive doubles bkgrnd:	0.000 +- 0.000	

(2)

202003_AFAS-B Bottom Fork_Position7.txt

```
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                                 0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                                0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                                            Number passive cycles:
                                                                                                                                                                                                                                                                                                         Count time (sec)
                                                               JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                       Passive error messages
                                                               20. 03. 03 11:07:40
033L0740. VER
                                                                                                                                                                                                                                                                                       No known alpha calibration
              Results
                                                               BB7 202003
                                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                               XXXX
                                                                                                                                                                                                                                                                                                                                                                                                   29.710 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                     0. 222
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                0.010 +-
0.000 +-
746.767 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                     0. 010
0. 000
1. 147
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                       Passive cycle raw data
                                                                                                                                                                                                                                                                                                          Singles
1840
1811
1776
                                                                                                                                                                                                                                                                                                                                                                                              Scaler 1
44825
44864
44825
                                                                                                                                                                                                                                                                                                                                                                                                                         Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                        Cycle
                          Isotopics id:
                                                               Default
                                                               0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                   45011
44999
44655
44349
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                    1723
                                                                                                                                                                                                                                                                                                                                                                                                                                       0
0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                                    1852
1775
1735
                                                                                                                                                                                                                                                                                                                                                                                                   44940
44580
45012
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
                                                                                                                                                                                                                                                                                             8
9
10
                                            Pu241:
                                                                                                                                                                                                                                                                                                                    1781
                                            Pu242:
                                                                                                                                                                                                                                                                                                                   1749
1784
                                      Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000
00. 01. 01
                                                                                                                           20. 03. 03
0. 0000 +-
20. 03. 03
                                                                                                  0.0000
                                                                                                                                                              0.0000
                                                                                                                                                                                                                                                                                       Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                       Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                     Doubles
-0. 033
0. 067
-0. 017
0. 033
0. 017
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                  Singles
30.667
                                                                                                                                                                                                                                                                                                                                                                                                                               Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                       Cvcle
                                                                  64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                     30. 183
29. 600
28. 717
30. 867
                                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                         0. 017
0. 000
0. 017
0. 050
-0. 017
-0. 017
                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                              6
7
                                                                                                                                                                                                                                                                                                                     29. 583
28. 917
                                                                                                                                                                                                                                                                                                                     29. 683
29. 150
29. 733
                                                                         1.0000 +-
                                                                                                          0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.000 +-
0.000 +-
                                                                                                            (1)
                                                                                                                                                                                                                                                                                                                                                                                                    (2)
```

	202003_AFAS-B Bottom Fork_Position8.txt	202003_AFAS-B Bottom Fork_Position8.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JM26 AFAS JSR_02 JSR-12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name:	20. 03. 03 11:30:46 033L3046. VER	No known alpha calibration
Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests: Error calculation:	BB8 202003 XXXX Pu 0.000 Verification Review disk file On Sample method	Singles: 43.002 +- 0.247 Doubles: 0.032 +- 0.031 Triples: 0.000 +- 0.000 Scaler 1: 218.505 +- 0.706 Scaler 2: 0.000 +- 0.000 Passive cycle raw data
Accidentals method: Inspector name: Passive comment:	Measured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 2614 9 12 13242 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default OD 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 ← 100.0000 ← 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 ← 0.001 ← 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000	2 2589 6 9 13111 0 Pass 3 2515 4 10 13212 0 Pass 4 2636 11 1 1 12940 0 Pass 5 2563 10 6 12996 0 Pass 6 2498 6 2 13274 0 Pass 7 2638 14 8 13017 0 Pass 8 2602 6 9 13177 0 Pass 9 2583 7 8 13222 0 Pass 10 2563 13 2 12912 0 Pass Passive cycle rate data
Predelay: Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient Geadtime: Triples gate fraction: Normalization constant:	1.50 64.00 1720 50.0000 0.0060 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 1.0000 + 0.0000	Cycle Singles Doubles Triples Mass QC Tests 1 43.567 -0.050 0.000 0.000 9ass 2 43.150 -0.050 0.000 0.000 0.000 9ass 3 41.917 -0.100 0.000 0.000 0.000 Pass 4 43.933 0.167 0.000 0.000 9ass 5 42.717 0.067 0.000 0.000 9ass 6 41.633 0.067 0.000 0.000 Pass 7 43.967 0.100 0.000 0.000 Pass 8 43.367 -0.050 0.000 0.000 Pass 9 43.050 -0.017 0.000 0.000 Pass 10 42.717 0.183 0.000 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000	

(2)

202003_AFAS-B Bottom Fork_Position9.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                         Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                  0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                                0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                          Passive scaler2 bkgrnd
                                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                            Number passive cycles:
                                                                                                                                                                                                                                                                                                         Count time (sec)
                                                               JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                       Passive error messages
                                                               20. 03. 03 14:33:34
03303334. VER
                                                                                                                                                                                                                                                                                       No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                       Results
                                                               BB9 202003
                                                                                                                                                                                                                                                                                                                                                     Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                 142, 133 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                     0.723
                                                               XXXX
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                   0. 095 +-
0. 000 +-
90. 155 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                     0. 062
0. 000
0. 416
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                       Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                           R+A
80
73
83
94
86
78
84
86
69
87
                                                                                                                                                                                                                                                                                                          Singles
8608
                                                                                                                                                                                                                                                                                                                                                                                              Scaler 1
5430
5362
5279
                                                                                                                                                                                                                                                                                                                                                                                                                         Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                        Cycle
                                                                                                                                                                                                                                                                                                                                                                               83
60
70
88
85
74
79
66
75
                                                                                                                                                                                                                                                                                                                   8601
                          Isotopics id:
                                                               Default
                                                                                                                                                                                                                                                                                                                   8269
                                                               0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                   8453
                                                                                                                                                                                                                                                                                                                                                                                                    5420
5341
5398
5432
5386
5473
5572
                                                                                                                                                                                                                                                                                                                                                                                                                                        0
0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                                   8540
8488
8734
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
                                                                                                                                                                                                                                                                                             8
9
10
                                            Pu241:
                                            Pu242:
                                      Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000
00. 01. 01
                                                                                                                           20. 03. 03
                                                                                                                           0. 0000 +-
20. 03. 03
                                                                                                  0.0000
                                                                                                                                                              0.0000
                                                                                                                                                                                                                                                                                        Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                     Doubles
-0. 050
-0. 167
0. 383
0. 400
-0. 033
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                   Singles
143.467
                                                                                                                                                                                                                                                                                                                                                                                        Triples
                                                                                                                                                                                                                                                                                       Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                                Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
                                                                  64. 00
64. 00
1720
50. 0000
0. 0060
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                   143. 467
143. 350
137. 817
140. 883
139. 717
144. 467
                                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                         -0. 033
-0. 117
0. 167
0. 117
0. 050
0. 200
                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                               6
7
                                                                                                                                                                                                                                                                                                                    142 267
                                                                                                                                                                                                                                                                                                                   142. 267
142. 333
141. 467
145. 567
                                                                         1.0000 +-
                                                                                                          0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.000 +-
0.000 +-
                                                                                                            (1)
                                                                                                                                                                                                                                                                                                                                                                                                    (2)
```

	202003_AFAS-B Bottom Fo	rk_Position10.	txt			202003	_AFAS-B	Bottom Fork	_Position10.txt
INCC 5.1.2	JMOX			Passiv	e triples bk e scaler1 bk e scaler2 bk	grnd: 0	. 000 +- . 000 . 000	0.000	
Material balance area: Detector type: Detector id:	JM2G AFAS JSR_02			Numbe	r passive cy Count time (cles:	10 60		
Electronics id: Inventory change code: I/O code:	JSR-12			Passive	error messa	ges			
Measurement date: Results file name:	20. 03. 03 14:50:38 03305038. VER				n alpha cali	bration			
Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	BB10 202003 XXXX Pu 0.000 Verification Review disk file On			Results		Singl Doubl Tripl Scaler Scaler	es: es: 1:	86. 122 · 0. 037 · 0. 000 · 73. 787 · 0. 000 ·	← 0. 044 ← 0. 000 ← 0. 414
Error calculation: Accidentals method: Inspector name: Passive comment:	Sample method Measured			Cycle 1	cycle raw d Singles 5264	R+A 40	A 31	Scaler1 4387	Scaler2 QC Tests 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default 00 0.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 0.0000 0.0000 +- 0.0000 0.01.01 0.0000 0.0000 0.01.01 0.0000 0.0000 0.00.01.01 0.0000 0.0000 0.0000 0.0000 0.00000 0.000000	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 20.03.03 0.0000 +- 20.03.03	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000	2 3 4 5 6 7 8 9 10	5094 5230 5183 5074 5156 5097 5214 5157 5204 cycle rate	35 38 40 19 34 32 31 31	26 30 34 37 32 31 32 23 36	4464 4313 4464 4530 4406 4406 4353 4566 4383	0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient Coedadtime: Triples gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0		Cycle 1 2 3 4 5 6 7 8 9 10	Singles 87. 733 84. 900 87. 167 86. 383 84. 567 85. 933 84. 950 86. 900 85. 950 86. 733	Double 0. 15 0. 15 0. 13 0. 10 -0. 30 0. 03 0. 05 0. 00 0. 13 -0. 08	0 0 3 0 0 0 3 0 0 0 3	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass OC Tests 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 + 0.000 0.000 + 0.000								

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                            0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                                      Passive triples bkgrnd:
Passive scaler1 bkgrnd:
   Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                      Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                                        Number passive cycles:
                                                                                                                                                                                                                                                                                                    Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                   Passive error messages
                                                              20. 03. 03 09:32:17
033J3217. VER
                                                                                                                                                                                                                                                                                    Known alpha analysis error
             Results
                                                              BC1 202003
XXXX
                                                                                                                                                                                                                                                                                                                                                Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                        1251.371 +-
                                                                                                                                                                                                                                                                                                                                                                                                                               1, 281
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                        7. 207 +-
0. 000 +-
2410. 755 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                               0. 562
0. 000
1. 794
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                   Passive cycle raw data
                                                                                                                                                                                                                                                                                                      Singles
75100
75105
74983
                                                                                                                                                                                                                                                                                                                                       R+A
6514
6526
6399
                                                                                                                                                                                                                                                                                                                                                                                        Scaler 1
144095
144602
145277
                                                                                                                                                                                                                                                                                                                                                                                                                  Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                    Cycle
                                                                                                                                                                                                                                                                                                                                                                   A
5981
6055
5969
                         Isotopics id: Default
                                                             0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                        6466
6627
6315
6498
6348
                                                                                                                                                                                                                                                                                                                                                                   6065
6012
6024
6044
5988
                                                                                                                                                                                                                                                                                                                                                                                          144822
144859
144730
144568
144363
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                            75262
75581
75083
75151
                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                                 0
0
0
0
0
0
                                                                                                0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                          0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
                                           Pu241:
                                                                                                                                                                                                                                                                                          8
                                                                                                                                                                                                                                                                                                            74812
                                           Pu242:
                                                                                                                                                                                                                                                                                                            74765
74830
                                                                                                                                                                                                                                                                                                                                         6359
6344
                                                                                                                                                                                                                                                                                                                                                                     5863
6074
                                                                                                                                                                                                                                                                                                                                                                                           144849
144288
                                    Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                         20. 03. 03
0. 0000 +-
20. 03. 03
                                                                                                                                                                                                                                                                                         10
                                                                                                 0.0000
                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                   Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                  Triples
0.000
0.000
0.000
0.000
0.000
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                            Singles
1251.918
                                                                                                                                                                                                                                                                                   Cycle
                                                                                                                                                                                                                                                                                                                                                Doub I es
                                                                                                                                                                                                                                                                                                                                                                                                                          Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                   8. 890
7. 856
7. 172
6. 689
10. 258
                                                                 64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                            1252. 002
1249. 967
1254. 619
1259. 938
                                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                       0. 000
0. 000
0. 000
0. 000
0. 000
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0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                          6
                                                                                                                                                                                                                                                                                                            1251. 635
1252. 768
                                                                                                                                                                                                                                                                                                                                                     4. 854
7. 573
                                                                                                                                                                                                                                                                                                            1247. 116
1246. 333
1247. 416
                                                                                                                                                                                                                                                                                                                                                     6. 005
8. 273
4. 504
                                                                        1.0000 +-
 Normalization constant:
                                                                                                        0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                              (2)
```

	202003_AFAS-B Collar_Position2.txt	202003_AFAS-B Collar_Position2.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	AFAS JSR_01	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:		Known alpha analysis error Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification Review disk file	Singles: 3327.518 ← 3.120 Doubles: 50.453 ← 1.282 Triples: 0.000 ← 0.000 Scaler 1: 593.155 ← 0.642 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:	Sample method	Passive cycle raw data
Inspector name: Passive comment:	medaul du	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 198995 45107 42389 35612 0 Pass 2 199510 46226 42893 35662 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	00 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000	3 199543 45829 42471 35466 0 Pass 4 199437 45421 42721 35445 0 Pass 5 199448 45516 42489 35401 0 Pass 6 199338 45600 42727 35705 0 Pass 7 200539 45738 42667 35545 0 Pass 8 200511 46242 42664 35764 0 Pass 9 198619 45046 42035 35691 0 Pass 10 199505 45364 42526 35602 0 Pass Passive cycle rate data
Predelay:	1.50	Cycle Singles Doubles Triples Mass QC Tests
Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Gofficient A deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	64.00 64.00 1720 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.0000 0.0001	1 3318.350 45.397 0.000 0.000 Pass 2 3326.859 47.401 0.000 0.000 Pass 1.000 Pass 1.000 0.000
Normalization constant: Passive singles bkgrnd:	1.0000 ← 0.0000 0.000 ← 0.000	
Passive doubles bkgrnd:	0.000 ÷ 0.000 0.000 ÷ 0.000	
	(1)	(2)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                      0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                                 Passive triples bkgrnd:
Passive scaler1 bkgrnd:
    Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                 Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                      0.000
                                                                                                                                                                                                                                                                                   Number passive cycles:
                                                                                                                                                                                                                                                                                               Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                              Passive error messages
                                                             20. 03. 03 10:05:26
033K0526. VER
                                                                                                                                                                                                                                                                               Known alpha analysis error
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                               Results
                                                             BC3 202003
                                                                                                                                                                                                                                                                                                                                          Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                               46357, 836 +-
                                                                                                                                                                                                                                                                                                                                                                                                                       9.974
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                               10011. 335 +-
0. 000 +-
147. 588 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                     25. 795
0. 000
0. 423
0. 000
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                              Passive cycle raw data
                                                                                                                                                                                                                                                                                                 Singles
2760420
2760419
2761171
                                                                                                                                                                                                                                                                                                                                                                                                           Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                            R+A
8704675
                                                                                                                                                                                                                                                                                                                                                                                  Scaler1
8949
                                                                                                                                                                                                                                                                               Cycle
                                                                                                                                                                                                                                                                                                                                                      A
8125582
8124172
8129656
                                                                                                                                                                                                                                                                                                                            8703833
8707859
                                                                                                                                                                                                                                                                                                                                                                                        8807
8770
                        Isotopics id: Default
                                                            0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                     8119020
8133843
8142568
8123817
8150443
8110226
8128455
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                 2759555
2762117
2763238
2759451
                                                                                                                                                                                                                                                                                                                            8707063
8724371
8728564
8704302
                                                                                                                                                                                                                                                                                                                                                                                        8885
8905
8696
8932
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                          0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                       0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                 2764003
2757722
2760469
                                                                                                                                                                                                                                                                                                                            8735752
8687066
8715000
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
                                          Pu241:
                                                                                                                                                                                                                                                                                                                                                                                        8834
                                          Pu242:
                                                                                                                                                                                                                                                                                                                                                                                         8922
                                     Pu242:
Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                                    10
                                                                                                                       20. 03. 03
                                                                                                                                                                                                                                                                                                                                                                                         8853
                                                                                                                       0. 0000 +-
20. 03. 03
                                                                                               0.0000
                                                                                                                                                         0.0000
                                                                                                                                                                                                                                                                              Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                           Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                    Singles
46350, 452
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                                                        Doubles
9942. 996
                                                                                                                                                                                                                                                                              Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                  Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                    46350, 435
46363, 156
46335, 819
46379, 160
                                                                                                                                                                                                                                                                                                                                      9952. 749
9927. 796
10096. 573
10139. 522
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                      10061. 828
9966. 792
10050. 116
9904. 022
10070. 952
                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                    46398, 124
                                                                                                                                                                                                                                                                                                                                                                                                                  0.000
                                                                                                                                                                                                                                                                                                    46334 059
                                                                                                                                                                                                                                                                                                    46334. 039
46411. 065
46304. 810
46351. 281
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
 Normalization constant:
                                                                                                      0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                       (2)
```

	202003_AFAS-B Collar_Position4.txt			2	202003_AFAS	S-B Collar_Po	osition4. txt
INCC 5.1.2 Facility:	JMOX	Passiv	ve triples bk ve scaler1 bk ve scaler2 bk	grnd:	0.000 +- 0.000 0.000	0.000	
Material balance area: Detector type: Detector id:	JM26 AFAS JSR_01		er passive cy Count time (cles:	10 60		
Electronics id: Inventory change code: I/O code:	JSR-12		e error messa	-			
Measurement date: Results file name: Inspection number: Item id:	20. 03. 03 10:21:30 033K2130. VER BC4 202003	Results	alpha analysi s	s error			
Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification Review disk file			Dou Tri Sca	ngles: ubles: iples: ler 1: ler 2:	5960. 148 + 166. 200 + 0. 000 + 50. 877 + 0. 000 + 1	← 2. 614 ← 0. 000 ← 0. 278
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive	e cycle raw d	lata			
Inspector name: Passive comment:		Cycle 1 2	Singles 357272 356920	R+A 145850 145555	A 136426 135545	Scaler1 3026 3057	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$\begin{array}{llllllllllllllllllllllllllllllllllll$	3 4 5 6 7 8 9 10	356772 355982 357977 356404 358097 356811 358780 357655	145474 145192 146376 145474 147167 145740 147154 146426	135985 135074 136940 135527 136096 135734 136959 136783	3101 2997 3047 2958 3147 3052 3058 3083	O Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Coefficient Geadtime: Toubules gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1970 160. 0000 0. 641 9 0. 1030 0. 0000 0. 00001 0. 00001	Cycle 1 2 3 4 5 6 7 8 9	Singles 5960. 231 5954. 353 5951. 882 5938. 690 5972. 004 5945. 737 5974. 008 5952. 533 5985. 413 5966. 627	Dout 157. 167. 158. 169. 157. 166. 185. 167.	669 472 755 277 871 417 226 405 571	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant:	1.0000 +- 0.0000						
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 \(\dots \) 0.000 \(\dots \) 0.000						

(2)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                   0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                                 0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                           Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                                             Number passive cycles:
                                                                                                                                                                                                                                                                                                          Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                        Passive error messages
                                                               20. 03. 03 10:36:34
033K3634. VER
                                                                                                                                                                                                                                                                                         Known alpha analysis error
              Results
                                                               BC5 202003
                                                                                                                                                                                                                                                                                                                                                      Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                               XXXX
                                                                                                                                                                                                                                                                                                                                                                                               2472, 823 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                      1.766
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                   29. 225 +-
0. 000 +-
44. 613 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                      1. 282
0. 000
0. 332
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                        Passive cycle raw data
                                                                                                                                                                                                                                                                                                           Singles
148572
148803
148216
                                                                                                                                                                                                                                                                                                                                            R+A
25363
25493
25012
                                                                                                                                                                                                                                                                                                                                                                                               Scaler 1
2780
2638
2556
                                                                                                                                                                                                                                                                                                                                                                                                                          Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                         Cycle
                                                                                                                                                                                                                                                                                                                                                                        A
23503
23486
23378
                         Isotopics id: Default
                                                              0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                        23378
23057
23413
23316
23267
23459
23395
23355
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                            25012
25013
24993
25023
24850
                                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                147990
                                                                                                                                                                                                                                                                                                                                                                                                      2685
                                                                                                                                                                                                                                                                                                                                                                                                                                         0
0
0
0
0
0
                                                                                                  0.0000
0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                             0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
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148236
148142
                                                                                                                                                                                                                                                                                                                                                                                                      2720
2640
2730
                                                                                                                                                                                                                                                                                                                                            25602
25109
24678
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
                                                                                                                                                                                                                                                                                              8
9
10
                                                                                                                                                                                                                                                                                                                                                                                                      2716
                                            Pu241:
                                                                                                                                                                                                                                                                                                               148908
                                            Pu242:
                                                                                                                                                                                                                                                                                                               148136
148174
                                                                                                                                                                                                                                                                                                                                                                                                       2651
2652
                                     Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                            20. 03. 03
0. 0000 +-
20. 03. 03
                                                                                                  0.0000
                                                                                                                                                              0.0000
                                                                                                                                                                                                                                                                                        Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                         Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                 Singles
2477, 185
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                                                                                     Doubles
31, 049
33, 503
27, 277
32, 652
26, 375
28, 495
26, 425
35, 774
28, 612
22, 085
                                                                                                                                                                                                                                                                                        Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                                 Mass QC Tests
0.000 Pass
                                                                  64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                                  2481. 038
2471. 247
2467. 477
2466. 443
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                2471. 580
2470. 012
2482. 789
2469. 912
2470. 546
                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                               6
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                         1.0000 +-
                                                                                                          0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.000 +-
0.000 +-
                                                                                                            (1)
                                                                                                                                                                                                                                                                                                                                                                                                     (2)
```

	202003_AFAS-B Collar_Position6.txt	202003_AFAS-B Collar_Position6.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JM26 AFAS JSR_01 JSR-12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:	20. 03. 03 10:51:38 033K5138. VER	Known alpha analysis error Results
Item id: Stratum id: Material type: Original declared mass: Measurement option:	BGG 202003 XXXX Pu 0.000 Verification	Singles: 784.797 ← 1.107 Doubles: 3.015 ← 0.309 Triples: 0.000 ← 0.000 Scaler 1: 63.252 ← 0.426
Data source: QC tests:	Review disk file On	Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 47281 2448 2342 3757 O Pass 2 46862 2465 2380 3841 O Pass
Isotopics id: Isotopics source code: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	$\begin{array}{llllllllllllllllllllllllllllllllllll$	3 47560 2534 2301 3647 0 Pass 47065 2605 2367 3862 0 Pass 5 47157 2513 2247 3850 0 Pass 6 47055 2497 2350 3710 0 Pass 7 46921 2522 2304 3789 0 Pass 8 47061 2535 2362 3927 0 Pass 9 46941 2528 2354 3804 0 Pass 10 46916 2535 2367 3764 0 Pass
Am date:	00. 01. 01 20. 03. 03	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime: Coefficient Geadtime: Toubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.1970 160.0000 0.6419 0.1030 0.0000 0.0000 0.0000	Cycle Singles Doubles Triples Mass QC Tests 1 798.116 1.768 0.000 0.000 Pass 2 781.131 1.417 0.000 0.000 Pass 3 792.768 3.885 0.000 0.000 Pass 4 784.515 3.969 0.000 0.000 Pass 5 786.049 4.436 0.000 0.000 Pass 6 784.349 2.451 0.000 0.000 Pass 7 782.115 3.635 0.000 0.000 Pass 8 784.449 2.885 0.000 0.000 Pass 9 782.448 2.901 0.000 0.000 Pass 10 782.031 2.801 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000	
	(1)	(2)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                     0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                  0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                     0.000
                                                                                                                                                                                                                                                                                  Number passive cycles:
                                                                                                                                                                                                                                                                                              Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                             Passive error messages
                                                             20. 03. 03 11:07:42
033L0742. VER
                                                                                                                                                                                                                                                                              Known alpha analysis error
             Results
                                                             BC7 202003
XXXX
                                                                                                                                                                                                                                                                                                                                         Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                   961.352 +-
                                                                                                                                                                                                                                                                                                                                                                                                                       1.325
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                   4. 356 +-
0. 000 +-
103. 687 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                       0. 369
0. 000
0. 421
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                             Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                 R+A
3726
3787
3778
                                                                                                                                                                                                                                                                                                                                                                                 Scaler 1
6153
6127
6267
                                                                                                                                                                                                                                                                                                                                                                                                          Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                              Cycle
                                                                                                                                                                                                                                                                                                                                                            A
3447
3590
3481
                                                                                                                                                                                                                                                                                                      57621
57779
                        Isotopics id: Default
                                                            0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                  3776
3847
3795
3665
3797
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                       6368
6213
6247
6165
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                      57709
                                                                                                                                                                                                                                                                                                                                                            3536
3574
3501
3563
3488
3474
3496
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0
0
0
0
0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                      57689
57665
57587
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                        6202
                                          Pu241:
                                                                                                                                                                                                                                                                                    8
                                                                                                                                                                                                                                                                                                      57820
                                          Pu242:
                                                                                                                                                                                                                                                                                                      57395
                                                                                                                                                                                                                                                                                                                                   3739
3852
                                                                                                                                                                                                                                                                                                                                                                                       6323
6147
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                                   10
                                                                                                                       20. 03. 03
                                                                                                                                                                                                                                                                                                      58198
                                                                                                                       0. 0000 +-
20. 03. 03
                                                                                               0.0000
                                                                                                                                                        0.0000
                                                                                                                                                                                                                                                                             Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                          Triples
0.000
0.000
0.000
0.000
0.000
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                        Singles
954, 463
                                                                                                                                                                                                                                                                                                                                        Doubles
4, 653
3, 285
4, 953
4, 002
4, 553
4, 903
1, 701
5, 153
4, 419
5, 937
                                                                                                                                                                                                                                                                             Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                  Mass QC Tests
0.000 Pass
                                                               64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                                                                                                                                                                                                                                                                                                        960. 498
963. 132
961. 965
961. 632
                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                     6
7
                                                                                                                                                                                                                                                                                                        961, 232
                                                                                                                                                                                                                                                                                                                                                                                                                  0. 000
0. 000
                                                                                                                                                                                                                                                                                                        959 931
                                                                                                                                                                                                                                                                                                        963. 816
956. 730
970. 118
                                                                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
                                                                                                      0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                       (2)
```

	202003_AFAS-B Collar_Position8.txt			202	003_AFAS	-B Collar_Po	sition8.txt
INCC 5.1.2 Facility: Material balance area:	JMOX JM2G	Passiv	ve triples bkg ve scaler1 bkg ve scaler2 bkg	grnd: 0	. 000 +- . 000 . 000	0.000	
Detector type: Detector id: Electronics id:	JSR_01 JSR_12	Numbe	er passive cyc Count time (s		10 60		
Inventory change code: I/O code: Measurement date:	20. 03. 03 11:30:48		e error messag	_			
Results file name: Inspection number:	20, 03, 03 11, 30, 48 033L3048. VER	Results	alpha analysis	s error			
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	BCB 202003 XXXX Pu 0.000 Verification Review disk file			Singl Doubl Tripl Scaler Scaler	es: es: 1:	560. 212 + 1. 167 + 0. 000 + 41. 225 + 0. 000 +	- 0. 184 - 0. 000 - 0. 355
QC tests: Error calculation: Accidentals method:	On Sample method Neasured	Passive	cycle raw da	ata			
Inspector name: Passive comment:	measureu	Cycle 1 2	Singles 33580 33689	R+A 1303 1262	A 1284 1218	Scaler1 2472 2595	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$\begin{array}{llllllllllllllllllllllllllllllllllll$	3 4 5 6 7 8 9	33467 33570 33661 33529 33723 33516 33639 33723	1269 1316 1302 1289 1304 1328 1325 1272	1185 1219 1252 1210 1216 1227 1206 1253	2421 2451 2341 2544 2487 2464 2480 2480	O Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1970 160. 0000 0. 641 9 0. 1030 0. 0000 0. 00001 0. 00001	Cycle 1 2 3 4 5 6 7 8 9	Singles 559, 717 561, 534 557, 833 559, 550 561, 067 558, 867 562, 101 558, 650 560, 700 562, 101	Double 0. 31 0. 73 1. 40 1. 61 10. 83 1. 31 1. 46 1. 68 1. 98 0. 31	7 4 1 7 7 7 4 4	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests Q. 000 Pass
Normalization constant:	1.0000 +- 0.0000						
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000						

```
0.000 +-
0.000
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                               Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                                        0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                                Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                                                  Number passive cycles:
                                                                                                                                                                                                                                                                                                               Count time (sec)
                                                                JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                             Passive error messages
                                                                20. 03. 03 14:33:37
03303337. VER
                                                                                                                                                                                                                                                                                              Known alpha analysis error
               Results
                                                                BC9 202003
                                                               BC9 202003
XXXX
Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                            Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                                       1076, 908 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                              1, 246
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                                                                                                                                                                                                                           4. 970 +-
0. 000 +-
28. 658 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                              0. 529
0. 000
0. 164
0. 000
                                                                On
Sample method
Measured
                                                                                                                                                                                                                                                                                             Passive cycle raw data
                                                                                                                                                                                                                                                                                                                 Singles
64752
64707
64220
                                                                                                                                                                                                                                                                                                                                                   R+A
4791
4713
4634
                                                                                                                                                                                                                                                                                                                                                                                                      Scaler 1
1753
1761
1746
                                                                                                                                                                                                                                                                                                                                                                                                                                  Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                              Cycle
                                                                                                                                                                                                                                                                                                                                                                                A
4414
4484
4333
                          Isotopics id: Default
                                                               0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                       64431
64459
64584
65074
64784
64495
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                     4733
4561
4726
4849
4832
4774
4613
                                                                                                                                                                                                                                                                                                                                                                                 4567
4334
4432
4363
4501
4389
                                                                                                                                                                                                                                                                                                                                                                                                             1705
1661
1707
1695
1727
1701
1739
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0
0
0
0
0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                   8
9
10
                                             Pu241:
                                             Pu242:
                                       Pu242:
Pu date:
Am241:
Am date:
                                                                00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                              20. 03. 03
0. 0000 +-
20. 03. 03
                                                                                                                                                                                                                                                                                                                       64527
                                                                                                    0.0000
                                                                                                                                                                 0.0000
                                                                                                                                                                                                                                                                                             Passive cycle rate data
                                                                  1. 50
64. 00
64. 00
1720
50. 0000
0. 1970
160. 0000
0. 6419
0. 1030
0. 0000
0. 0001
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                               Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                       Singles
1079.387
                                                                                                                                                                                                                                                                                             Cvcle
                                                                                                                                                                                                                                                                                                                                                             Doubles
                                                                                                                                                                                                                                                                                                                                                                                                                                         Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                                 6. 288
3. 819
5. 020
2. 769
3. 786
4. 903
8. 106
5. 520
6. 421
3. 069
                                                                                                                                                                                                                                                                                                                       1078. 637
1070. 517
1074. 035
1074. 502
                                                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                     6
                                                                                                                                                                                                                                                                                                                       1076. 586
1084. 755
                                                                                                                                                                                                                                                                                                                       1079, 920
1075, 102
1075, 636
                                                                           1.0000 +-
                                                                                                            0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                           0.000 +-
0.000 +-
                                                                                                              (1)
                                                                                                                                                                                                                                                                                                                                                                                                            (2)
```

	202003_AFAS-B Collar_Position10.txt	202003_AFAS-B Collar_Position10.txt
INCC 5. 1. 2		Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Facility: Material balance area: Detector type:	JMOX JM2G AFAS	Number passive cycles: 10 Count time (sec): 60
Detector id: Electronics id:	JSR_01	Passive error messages
Inventory change code: I/O code: Measurement date:	20. 03. 03 14:50:42	Known alpha analysis error
Results file name: Inspection number: Item id:	03305042. VER BC10 202003	Passive results Singles: 1053,206 ← 1,457
Stratum id: Material type:	XXXX Pu	Doubles: 4.827 +- 0.674 Triples: 0.000 +- 0.000
Original declared mass: Measurement option: Data source:	Verification Review disk file	Scaler 1: 32.033 ← 0.251 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation:	On Sample method	Passive cycle raw data
Accidentals method: Inspector name: Passive comment:	Measured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 62977 4551 4137 1879 0 Pass 2 63354 4467 4273 1860 0 Pass 3 63332 4620 4251 1876 0 Pass
Isotopics id: Isotopics source code: Pu238:	Default 0D 0.0000 +- 0.0000 0.0000 +- 0.0000	4 62858 4579 4195 1962 0 Pass 5 63174 4443 4334 1894 0 Pass 6 63506 4561 4318 1969 0 Pass
Pu239: Pu240:	0.0000 +- 0.0000	7 63052 4510 4276 1972 0 Pass 8 62743 4423 4309 1976 0 Pass
Pu241: Pu242: Pu date:	0.0000 +- 0.0000	10 63597 4662 4189 1881 0 Pass
Am241: Am date:	0.0000 +- 0.0000	Passive cycle rate data Cycle Singles Doubles Triples Mass QC Tests
Predelay: Gate length: 2nd gate length: High voltage: Die away time. Multiplicity deadtime: Coefficient A deadtime: Coefficient Geadtime:	1. 50 64. 00 64. 00 1720 50. 0000 0. 1970 160. 0000 0. 6419 0. 1030 0. 0000	Cycle Singles Doubles Triples Mass CC Tests 1 1049, 794 6, 905 0,000 0,000 Pass 2 1056, 079 3, 236 0,000 0,000 Pass 3 1055, 712 6, 154 0,000 0,000 Pass 4 1047, 810 6, 404 0,000 0,000 Pass 5 1053, 078 1, 818 0,000 0,000 Pass 6 1058, 613 4, 053 0,000 0,000 Pass 7 1051, 044 3, 903 0,000 0,000 Pass 8 1045, 892 1, 901 0,000 0,000 Pass 9 1053, 912 6,004 0,000 0,000 Pass 10 1060, 130 7, 889 0,000 0,000 Pass
Doubles gate fraction: Triples gate fraction: Normalization constant: Passive singles bkgrnd: Passive doubles bkgrnd: Passive triples bkgrnd:	0.0001 0.0001 1.0000 ← 0.000 0.000 ← 0.000 0.000 ← 0.000 0.000 ← 0.000	

(2)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                     Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                            0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                         0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                     Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                                       Number passive cycles:
                                                                                                                                                                                                                                                                                                    Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                  Passive error messages
                                                              20. 03. 03 09:32:17
033J3217. VER
                                                                                                                                                                                                                                                                                   Known alpha analysis error
             Results
                                                              BT1 202003
                                                                                                                                                                                                                                                                                                                                               Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                        1251, 120 +-
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                              1, 281
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                        7. 202 +-
0. 000 +-
2410. 755 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                              0. 561
0. 000
1. 794
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                  Passive cycle raw data
                                                                                                                                                                                                                                                                                                     Singles
75100
75105
74983
                                                                                                                                                                                                                                                                                                                                       R+A
6514
6526
6399
                                                                                                                                                                                                                                                                                                                                                                                        Scaler 1
144095
144602
145277
                                                                                                                                                                                                                                                                                                                                                                                                                  Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                   Cycle
                                                                                                                                                                                                                                                                                                                                                                   A
5981
6055
5969
                         Isotopics id: Default
                                                             0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                        6466
6627
6315
6498
6348
                                                                                                                                                                                                                                                                                                                                                                   6065
6012
6024
6044
5988
                                                                                                                                                                                                                                                                                                                                                                                          144822
144859
144730
144568
144363
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                            75262
75581
75083
75151
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
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0. 0000
0. 0000
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0. 0000
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Pass
Pass
                                                                                                                                                                                                                                                                                        8
9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                            74812
                                           Pu242:
                                                                                                                                                                                                                                                                                                            74765
74830
                                                                                                                                                                                                                                                                                                                                         6359
6344
                                                                                                                                                                                                                                                                                                                                                                    5863
6074
                                                                                                                                                                                                                                                                                                                                                                                           144849
144288
                                    Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                         20. 03. 03
0. 0000 +-
20. 03. 03
                                                                                                0.0000
                                                                                                                                                           0.0000
                                                                                                                                                                                                                                                                                  Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                 Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                               Doubles
8. 883
7. 850
7. 167
6. 683
10. 250
                                                                                                                                                                                                                                                                                                            Singles
1251.667
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                                        Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                  Cvcle
                                                                 64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                            1251. 750
1249. 717
1254. 367
1259. 683
                                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                          6
                                                                                                                                                                                                                                                                                                            1251. 383
1252. 517
                                                                                                                                                                                                                                                                                                                                                    4. 850
7. 567
                                                                                                                                                                                                                                                                                                            1246. 867
1246. 083
1247. 167
                                                                                                                                                                                                                                                                                                                                                    6. 000
8. 267
4. 500
                                                                        1.0000 +-
                                                                                                        0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                          (1)
                                                                                                                                                                                                                                                                                                                                                                                              (2)
```

	202003_AFAS-B Top For	k_Position2.tx	:			20	2003_AFAS	-B Top Fork_F	Position2.txt
INCC 5.1.2 Facility:	JMOX			Passiv	ve triples bkg ve scaler1 bkg ve scaler2 bkg	grnd:	0.000 +- 0.000 0.000	0.000	
Material balance area: Detector type: Detector id:	JM2G AFAS JSR 01				er passive cyc Count time (s	cles:	10 60		
Electronics id: Inventory change code: I/O code:	JSR-12			Passive	e error messas		60		
Measurement date: Results file name: Inspection number:	20. 03. 03 09:48:21 033J4821. VER			Known a	alpha analysis	s error			
Item id: Stratum id:	BT2 202003 XXXX			Results	S		gles:	3325. 742 +	
Material type: Original declared mass: Measurement option: Data source:	Pu 0.000 Verification Review disk file					Tri	bles: ples: er 1:	50. 345 + 0. 000 + 593. 155 + 0. 000 +	- 0. 000 - 0. 642
QC tests: Error calculation: Accidentals method:	On Sample method Measured			Passive	e cycle raw da		61 Z.	0.000	0.000
Inspector name: Passive comment:	mododi od			Cycle 1 2	Singles 198995 199510	R+A 45107 46226	A 42389 42893	Scaler1 35612 35662	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242:	Default OD 0.0000 +- 0.0000 0.0000 +- 0.0000 100.0000 +- 0.0000 0.0000 +- 0.0000 0.0000 +- 0.0000	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +-	0.0000 0.0000 0.0000 0.0000 0.0000	3 4 5 6 7 8 9	199543 199437 199448 199338 200539 200511 198619	45829 45421 45516 45600 45738 46242 45046	42471 42721 42489 42727 42667 42964 42035	35466 35445 35401 35705 35545 35764 35691	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Pu date: Am241: Am date:	00. 01. 01 0. 0000 +- 0. 0000 00. 01. 01	20. 03. 03 0. 0000 +- 20. 03. 03	0.0000	10 Passive	199505 e cycle rate o	45364 data	42526	35602	0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000			Cycle 1 2 3 4 5 6 7 8 9	Singles 3316, 583 3325, 167 3325, 717 3323, 950 3324, 133 3322, 300 3342, 317 3341, 850 3310, 317 3325, 083	Doub 45 55 55 45 50 47 51 54 50	300 550 967 900 450 883 183 633	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant:	1.0000 +- 0.000	0							
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 + 0.000 0.000 + 0.000								
	(1)							(2)	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                   Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                          0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                       0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                    Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                                      Number passive cycles:
                                                                                                                                                                                                                                                                                                  Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                 Passive error messages
                                                             20. 03. 03 10:05:26
033K0526. VER
                                                                                                                                                                                                                                                                                  Known alpha analysis error
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                                  Results
                                                             BT3 202003
                                                                                                                                                                                                                                                                                                                                             Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                   46014, 275 +-
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                            9.827
Material type:
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                     9717. 838 +-
0. 000 +-
147. 588 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                         25. 008
0. 000
0. 423
0. 000
                                                             On
Sample method
Measured
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                                                                                                 Passive cycle raw data
                                                                                                                                                                                                                                                                                                    Singles
2760420
2760419
2761171
                                                                                                                                                                                                                                                                                                                                                                                                                Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                               R+A
8704675
                                                                                                                                                                                                                                                                                                                                                                                      Scaler1
8949
                                                                                                                                                                                                                                                                                  Cycle
                                                                                                                                                                                                                                                                                                                                                         A
8125582
8124172
8129656
                                                                                                                                                                                                                                                                                                                               8703833
8707859
                                                                                                                                                                                                                                                                                                                                                                                            8807
8770
                         Isotopics id: Default
                                                             0D

0.0000 +-

0.0000 +-

100.0000 +-

0.0000 +-

0.0000 +-
                                                                                                                                                                                                                                                                                                                                                         8119020
8133843
8142568
8123817
8150443
8110226
8128455
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                    2759555
2762117
2763238
2759451
                                                                                                                                                                                                                                                                                                                               8707063
8724371
8728564
8704302
                                                                                                                                                                                                                                                                                                                                                                                            8885
8905
8696
8932
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                              0
0
0
0
0
0
                                                                                              0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                         0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                    2764003
2757722
2760469
                                                                                                                                                                                                                                                                                                                              8735752
8687066
8715000
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
                                           Pu241:
                                                                                                                                                                                                                                                                                                                                                                                            8834
                                           Pu242:
                                                                                                                                                                                                                                                                                                                                                                                             8922
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                                       10
                                                                                                                        20. 03. 03
                                                                                                                                                                                                                                                                                                                                                                                             8853
                                                                                                                        0. 0000 +-
20. 03. 03
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                 Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                               Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                       Singles
46007.000
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                 Cvcle
                                                                                                                                                                                                                                                                                                                                            Doubles
9651.550
                                                                                                                                                                                                                                                                                                                                                                                                                       Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                       46006. 983
46019. 517
45992. 583
46035. 283
                                                                                                                                                                                                                                                                                                                                            9661. 017
9636. 717
9800. 717
9842. 133
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                           9766. 600
9674. 750
9755. 150
9614. 000
9775. 750
                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                       46053, 967
                                                                                                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                                                       45990. 850
46066. 717
45962. 033
46007. 817
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
 Normalization constant:
                                                                                                       0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                           (2)
```

	202003_AFAS-B Top Fork_Position4.txt	202003_AFAS-B Top Fork_Position4.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler! bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	AFAS JSR_01	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:	58.72	Passive error messages
Measurement date: Results file name: Inspection number:	20. 03. 03 10:21:30 033K2130. VER	Known alpha analysis error Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source:	XXXX Pu 0.000 Verification Review disk file	Singles: 5954.450 ← 4.514 Doubles: 165.565 ← 2.604 Triples: 0.000 ← 0.000 Scaler 1: 50.877 ← 0.278 Scaler 2: 0.000 ← 0.000
QC tests: Error calculation: Accidentals method:		Passive cycle raw data
Inspector name: Passive comment:	medaul tu	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 357272 145850 136426 3026 0 Pass 2 356920 145555 135545 3057 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	00	3 356772 145474 135985 3101 0 Pass 35982 145192 135074 2997 0 Pass 5 357977 146376 136940 3047 0 Pass 6 356404 145474 135527 2958 0 Pass 7 358097 147167 136096 3147 0 Pass 8 356811 145740 135734 3052 0 Pass 9 358780 147154 136959 3058 0 Pass 10 357655 146426 136783 3083 0 Pass
Am date:		Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0080 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0001	Cycle Singles Doubles Triples Mass 0C Tests 1 5954,533 157,067 0.000 0.000 Pass 2 5948,667 166,833 0.000 0.000 Pass 3 5946,200 158,150 0.000 0.000 Pass 4 5933,033 168,633 0.000 0.000 Pass 5 5966,283 157,267 0.000 0.000 Pass 6 5940,067 165,783 0.000 0.000 Pass 7 5968,283 184,517 0.000 0.000 Pass 8 5946,850 166,767 0.000 0.000 Pass 9 5979,667 169,917 0.000 0.000 Pass 10 5960,917 160,717 0.000 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 ← 0.0000 0.000 ← 0.000	
Passive doubles bkgrnd:	0.000 +- 0.000	
	(1)	(2)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                   Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                         0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                       0.000
   Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_01
Electronics id: JSR-12
                                                                                                                                                                                                                                                                                    Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                                      Number passive cycles:
                                                                                                                                                                                                                                                                                                  Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                 Passive error messages
                                                             20. 03. 03 10:36:34
033K3634. VER
                                                                                                                                                                                                                                                                                 Known alpha analysis error
             Results
                                                             BT5 202003
                                                                                                                                                                                                                                                                                                                                             Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                     2471.842 +-
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                           1.765
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                        29. 178 +-
0. 000 +-
44. 613 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                           1. 280
0. 000
0. 332
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                                 Passive cycle raw data
                                                                                                                                                                                                                                                                                                   Singles
148572
148803
                                                                                                                                                                                                                                                                                                                                    R+A
25363
25493
25012
                                                                                                                                                                                                                                                                                                                                                                                                               Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                                                                                     Scaler1
2780
                                                                                                                                                                                                                                                                                 Cycle
                                                                                                                                                                                                                                                                                                                                                              A
23503
23486
23378
                                                                                                                                                                                                                                                                                                                                                                                            2638
2556
                         Isotopics id: Default
                                                                                                                                                                                                                                                                                                        148216
                                                             0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                              23378
23057
23413
23316
23267
23459
23395
23355
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                    25012
25013
24993
25023
24850
                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                        147990
                                                                                                                                                                                                                                                                                                                                                                                            2685
                                                                                                                                                                                                                                                                                                                                                                                                                              0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                         0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                       147928
148236
148142
                                                                                                                                                                                                                                                                                                                                                                                            2720
2640
2730
                                                                                                                                                                                                                                                                                                                                    25602
25109
24678
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                            2716
                                           Pu241:
                                                                                                                                                                                                                                                                                                       148908
                                           Pu242:
                                                                                                                                                                                                                                                                                                       148136
148174
                                                                                                                                                                                                                                                                                                                                                                                            2651
2652
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                                      10
                                                                                                                        20. 03. 03
                                                                                                                        0.0000 +-
20.03.03
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                 Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                               Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                         Singles
2476, 200
                                                                     1.50
64.00
                                                                                                                                                                                                                                                                                                                                            Doubles
31, 000
33, 450
27, 233
32, 600
26, 333
28, 450
26, 383
35, 717
28, 567
22, 050
                                                                                                                                                                                                                                                                                 Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                      Mass QC Tests
0.000 Pass
                                                                64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                          2480. 050
2470. 267
2466. 500
2465. 467
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                        6
                                                                                                                                                                                                                                                                                                          2470. 600
2469. 033
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
                                                                                                                                                                                                                                                                                                         2469. 033
2481. 800
2468. 933
2469. 567
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                       1.0000 +-
 Normalization constant:
                                                                                                       0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                           (2)
```

	202003_AFAS-B Top Fork_Position6.txt	202003_AFAS-B Top Fork_Position6.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JM26 AFAS JSR_01 JSR-12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:	20. 03. 03 10:51:38 033K5138. VER	Known alpha analysis error Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: OC tests:	BT6 202003 XXXX Pu 0.000 Verification Review disk file On	Singles: 784.698 ← 1.107 Doubles: 3.013 ← 0.308 Triples: 0.000 ← 0.000 Scaler 1: 63.252 ← 0.426 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method:	on Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:	measureu	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 47281 2448 2342 3757 O Pass 2 46862 2465 2380 3841 O Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3 47560 2534 2301 3647 0 Pass 4 47065 2605 2367 3862 0 Pass 5 47157 2513 2247 3850 0 Pass 6 47055 2497 2350 3710 0 Pass 7 46921 2522 2304 3789 0 Pass 8 47061 2535 2362 3927 0 Pass 9 46941 2528 2354 3804 0 Pass 10 46916 2535 2367 3764 0 Pass
Predelav:	1.50	Passive cycle rate data Cycle Singles Doubles Triples Mass QC Tests
Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Doubles gate fraction: Triples gate fraction: Normalization constant:	1. 30 64. 00 1720 150. 0000 0. 0080 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 1. 0000 1. 0000 1. 0000	1 788.017 1.767 0.000 0.000 Pass 2 781.033 1.417 0.000 0.000 Pass 3 792.667 3.883 0.000 0.000 Pass 4 784.417 3.967 0.000 0.000 Pass 5 785.950 4.433 0.000 0.000 Pass 6 784.250 2.450 0.000 0.000 Pass 7 782.017 3.633 0.000 0.000 Pass 8 784.350 2.883 0.000 0.000 Pass 9 782.350 2.883 0.000 0.000 Pass 9 782.350 2.883 0.000 0.000 Pass 10 781.933 2.800 0.000 0.000 Pass
Passive singles bkgrnd:	0.000 + 0.000	
Passive doubles bkgrnd:	0.000 ÷ 0.000 (1)	(2)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                  Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                         0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                      0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                   Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                                     Number passive cycles:
                                                                                                                                                                                                                                                                                                 Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                Passive error messages
                                                             20. 03. 03 11:07:42
033L0742. VER
                                                                                                                                                                                                                                                                                 Known alpha analysis error
              Results
                                                             BT7 202003
                                                                                                                                                                                                                                                                                                                                            Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                       961, 203 +-
                                                             XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                           1.325
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                       4. 353 +-
0. 000 +-
103. 687 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                           0. 369
0. 000
0. 421
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                                Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                    R+A
3726
3787
3778
                                                                                                                                                                                                                                                                                                                                                                                     Scaler 1
6153
6127
6267
                                                                                                                                                                                                                                                                                                                                                                                                              Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                 Cycle
                                                                                                                                                                                                                                                                                                                                                                A
3447
3590
3481
                                                                                                                                                                                                                                                                                                         57621
57779
                         Isotopics id: Default
                                                            0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                     3776
3847
3795
3665
3797
                                                                                                                                                                                                                                                                                                                                                                3536
3574
3501
3563
3488
3474
3496
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                           6368
6213
6247
6165
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                         57709
                                                                                                                                                                                                                                                                                                                                                                                                                             0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                        0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                         57689
57665
57587
                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
                                                                                                                                                                                                                                                                                      8
9
10
                                                                                                                                                                                                                                                                                                                                                                                            6202
                                           Pu241:
                                                                                                                                                                                                                                                                                                         57820
                                           Pu242:
                                                                                                                                                                                                                                                                                                         57395
                                                                                                                                                                                                                                                                                                                                      3739
3852
                                                                                                                                                                                                                                                                                                                                                                                           6323
6147
                                    Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                        20. 03. 03
0. 0000 +-
20. 03. 03
                                                                                                                                                                                                                                                                                                         58198
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                              Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                           Singles
954.317
                                                                    1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                                     Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                Cvcle
                                                                                                                                                                                                                                                                                                                                             Doubles
                                                                                                                                                                                                                                                                                                                                                 4. 650
3. 283
4. 950
4. 000
4. 550
4. 900
1. 700
5. 150
4. 417
5. 933
                                                                64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                           960. 350
962. 983
961. 817
961. 483
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                       6
7
                                                                                                                                                                                                                                                                                                           961.083
959.783
                                                                                                                                                                                                                                                                                                           963. 667
956. 583
969. 967
                                                                       1.0000 +-
                                                                                                       0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                          (2)
```

	202003_AFAS-B Top For	k_Position8.tx	:			2020	03_AFAS-	B Top Fork_P	osition8.txt
INCC 5.1.2 Facility:	JMOX			Passiv	re triples bk re scaler1 bk re scaler2 bk	grnd: (0.000 +- 0.000 0.000	0.000	
Material balance area: Detector type: Detector id:	JM2G AFAS JSR_01			Numbe	er passive cy Count time (cles:	10 60		
Electronics id: Inventory change code: I/O code:	JSR-12			Passive	error messa	ges			
Measurement date: Results file name:	20. 03. 03 11:30:48 033L3048. VER			Known a	alpha analysi	s error			
Inspection number: Item id: Stratum id:	BT8 202003 XXXX			Results	5	Sing	00.	560. 162 +	- 0. 477
Material type: Original declared mass: Measurement option:	Pu 0.000 Verification					Doubl Tripl Scaler	es: es:	1. 167 + 0. 000 + 41. 225 +	- 0. 184 - 0. 000
Data source: QC tests:	Review disk file On					Scaler		0.000 +	
Error calculation: Accidentals method: Inspector name:	Sample method Measured			Passive Cvcle	cycle raw da Singles	ata R+A	A	Scaler1	Scaler2 QC Tests
Passive comment:	Default			1 2 3	33580 33689 33467	1303 1262 1269	1284 1218 1185	2472 2595 2421	0 Pass 0 Pass 0 Pass
Isotopics source code: Pu238: Pu239:	0D 0.0000 +- 0.0000 0.0000 +- 0.0000	0.0000 +- 0.0000 +-	0. 0000 0. 0000	4 5 6	33570 33661 33529	1316 1302 1289	1219 1252 1210	2421 2451 2341 2544	0 Pass 0 Pass 0 Pass 0 Pass
Pu240: Pu241: Pu242:	100.0000 + 0.0000 0.0000 + 0.0000 0.0000 + 0.0000	100.0000 +- 0.0000 +- 0.0000 +-	0. 0000 0. 0000 0. 0000	7 8 9	33723 33516 33639	1304 1328 1325	1216 1217 1206	2487 2464 2480	0 Pass 0 Pass 0 Pass
Pu date: Am241:	00. 01. 01 0. 0000 +- 0. 0000	20. 03. 03 0. 0000 +-	0.0000	10	33723	1272	1253	2480	0 Pass
Am date: Predelay:	00. 01. 01	20. 03. 03			cycle rate	data Double		Triples	Mass QC Tests
Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime:	64. 00 64. 00 1720 50. 0000 0. 0080 0. 0000 0. 0000			Cycle 1 2 3 4 5 6 7	Singles 559, 667 561, 483 557, 783 559, 500 561, 017 558, 817 562, 050	0. 31 0. 73 1. 40 1. 61 0. 83 1. 31 1. 46	7 33 00 7 33 7	0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000	0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass
Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0. 0000 0. 0000 0. 0001 0. 0001			8 9 10	558. 600 560. 650 562. 050	1. 68 1. 98 0. 31	3	0. 000 0. 000 0. 000	0.000 Pass 0.000 Pass 0.000 Pass
Normalization constant:	1.0000 +- 0.000	0							
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000								
	(1)							(2)	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                     0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                                   0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                             Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                     0.000
                                                                                                                                                                                                                                                                                               Number passive cycles:
                                                                                                                                                                                                                                                                                                            Count time (sec)
                                                               JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                          Passive error messages
                                                               20. 03. 03 14:33:37
03303337. VER
                                                                                                                                                                                                                                                                                          Known alpha analysis error
              Results
                                                               BT9 202003
                                                                                                                                                                                                                                                                                                                                                        Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                               XXXX
                                                                                                                                                                                                                                                                                                                                                                                                  1076, 722 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                         1, 245
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                               Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                      4. 967 +-
0. 000 +-
28. 658 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                         0. 528
0. 000
0. 164
0. 000
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                          Passive cycle raw data
                                                                                                                                                                                                                                                                                                             Singles
64752
64707
64220
                                                                                                                                                                                                                                                                                                                                               R+A
4791
4713
4634
                                                                                                                                                                                                                                                                                                                                                                                                  Scaler 1
1753
1761
1746
                                                                                                                                                                                                                                                                                                                                                                                                                            Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                          Cycle
                                                                                                                                                                                                                                                                                                                                                                            A
4414
4484
4333
                         Isotopics id: Default
                                                               0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                   64431
64459
64584
65074
64784
64495
                                                                                                                                                                                                                                                                                                                                                 4733
4561
4726
4849
4832
                                                                                                                                                                                                                                                                                                                                                                             4567
4334
4432
4363
4501
4389
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                        1705
1661
1707
1695
1727
1701
1739
                                                                                                                                                                                                                                                                                                                                                                                                                                           0
0
0
0
0
0
                                                                                                  0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                            0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                              0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pass
Pass
Pass
                                            Pu241:
                                                                                                                                                                                                                                                                                                 8
                                            Pu242:
                                                                                                                                                                                                                                                                                                                                                 4774
4613
                                      Pu242:
Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                            20. 03. 03
0. 0000 +-
20. 03. 03
                                                                                                                                                                                                                                                                                                10
                                                                                                                                                                                                                                                                                                                    64527
                                                                                                   0.0000
                                                                                                                                                               0.0000
                                                                                                                                                                                                                                                                                          Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                           Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                        Doubles
6. 283
3. 817
5. 017
2. 767
3. 783
                                                                                                                                                                                                                                                                                                                    Singles
1079, 200
                                                                       1.50
64.00
                                                                                                                                                                                                                                                                                                                                                                                                                                   Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                          Cvcle
                                                                  64. 00
64. 00
1720
50. 0000
0. 0080
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                    1078. 450
1070. 333
1073. 850
1074. 317
                                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                   1074. 317
1076. 400
1084. 567
1079. 733
1074. 917
1075. 450
                                                                                                                                                                                                                                                                                                                                                             4. 900
8. 100
5. 517
6. 417
3. 067
                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                 6
                                                                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                          1.0000 +-
                                                                                                          0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                          0.000 +-
0.000 +-
                                                                                                             (1)
                                                                                                                                                                                                                                                                                                                                                                                                        (2)
```

	202003_AFAS-B Top Fork_Position10.txt	202003_AFAS-B Top Fork_Position10.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd: 0.000 +- 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	JM2G AFAS JSR_01 JSR-12	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Measurement date: Results file name: Inspection number:	20. 03. 03 14:50:42 03305042. VER	Known alpha analysis error Results
Item id: Stratum id: Material type:	BT10 202003 XXXX Pu	Singles: 1053.026 ← 1.457 Doubles: 4.823 ← 0.674
Original declared mass: Measurement option: Data source: QC tests:	ru 0.000 Verification Review disk file On	Triples: 0.000 ← 0.000 Scaler 1: 32.033 ← 0.251 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 62977 4551 4137 1879 O Pass 2 63354 4467 4273 1860 O Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	Default 0D 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.01.01 20.33.33 0.0000 ← 0.0000 ← 0.0000 ← 0.0000	3 63332 4620 4251 1876 0 Pass 4 62858 4579 4195 1962 0 Pass 5 63174 4443 4334 1894 0 Pass 6 63506 4561 4318 1969 0 Pass 7 63052 4510 4276 1972 0 Pass 8 62743 4423 4309 1976 0 Pass 9 63224 4601 4241 1951 0 Pass 10 63597 4662 4189 1881 0 Pass
Am date:	00.01.01 20.03.03	Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Coefficient C facatime: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0080 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 1049.617 6.900 0.000 0.000 0.000 Pass 2 1055.900 3.233 0.000 0.000 Pass 3 1055.533 6.150 0.000 0.000 Pass 4 1047.633 6.400 0.000 0.000 Pass 5 1052.900 1.817 0.000 0.000 Pass 6 1058.433 4.050 0.000 0.000 Pass 7 1050.867 3.900 0.000 0.000 Pass 8 1045.717 1.900 0.000 0.000 Pass 9 1053.733 6.000 0.000 0.000 Pass 10 1059.950 7.883 0.000 0.000 Pass
Normalization constant:	1.0000 +- 0.0000	
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000	
	(1)	(2)

```
INCC 5. 1. 2
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                            20. 03. 03 09:32:17
033J3217. VER
              Inspection number
                                                            PB1 202003
                          Item id:
Stratum id:
                                                            XXXX
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                            Pu
0.000
Verification
Review disk file
On
           Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Sample method
Measured
                         Isotopics id: Default
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                            0D

0.0000 +-

0.0000 +-

100.0000 +-
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                       0.0000
0.0000
0.0000
0.0000
0.0000
                                                                 0.0000 +-
0.0000 +-
                                          Pu241:
                                          Pu242:
                                    Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000
00. 01. 01
                                                                                                                      20. 03. 03
                                                                                                                      0. 0000 +-
20. 03. 03
                                                                                              0.0000
                                                                                                                                                       0.0000
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                   1.50
64.00
                                                                64. 00
1720
50. 0000
0. 0127
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                      0.0000
                                                                      0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
 Normalization constant:
                                                                      1.0000 +-
                                                                                                      0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                       (1)
```

```
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                           0.000 +-
0.000
  Passive scaler2 bkgrnd:
                                                           0.000
    Number passive cycles:
              Count time (sec)
Passive error messages
No passive calibration curve calibration
No known alpha calibration
Results
                                                                                  1007. 612 +-
3. 655 +-
0. 000 +-
49. 023 +-
0. 000 +-
                                                   Singles:
Doubles:
Triples:
                                                                                                                 1. 331
0. 377
0. 000
                                                  Scaler 1:
                                                                                                                 0.308
                                                  Scaler 2:
Passive cycle raw data
                                                                                                       Scaler2 QC Tests
0 Pass
0 Pass
               Singles
60394
60297
Cycle
                                                                                   Scaler1
                                                                 A
3921
3879
                                            4088
4142
                                                                                       2950
3011
                    60487
60754
60556
60241
                                                                 3842
4049
3923
3862
                                                                                                                         Pass
Pass
Pass
Pass
                                           4142
4144
4170
4059
4067
4189
4132
4076
                                                                                        2866
                                                                                                                   0
0
0
0
0
0
                                                                                       2912
3056
2927
                                                                                                                        Pass
Pass
Pass
Pass
                                                                  3855
                    60226
                                                                                        2960
                                                                                       2943
2918
2871
                    60961
                                                                  4030
                                                                 3792
3863
                    60157
    10
                    60494
Passive cycle rate data
                                                                              Triples
                                                                                                                Mass QC Tests
Cycle
                     Singles
                                                  Doubles |
                    1006. 567
1004. 950
1008. 117
1012. 567
                                                     2. 783
4. 383
5. 000
1. 583
                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                                                                          Pass
Pass
Pass
Pass
     5
6
7
                    1009, 267
                                                      4. 117
3. 283
                                                                                  0.000
                                                                                                             0.000
                                                                                                                           Pass
                    1009. 267
1004. 017
1003. 767
1016. 017
1002. 617
1008. 233
                                                                                                                           Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                             0.000
                                                     3. 533
2. 650
5. 667
3. 550
                                                                                  0. 000
0. 000
0. 000
0. 000
                                                                                                             0. 000
0. 000
0. 000
0. 000
```

(2)

0.000

202003_AFAS-P Bottom Fork_Position2.txt	202003_AFAS-P Bottom Fork_Position2.txt

Passive triples bkgrnd:

INCC 5. 1. 2				
Facility: Material balance area: Detector type: Detector id: Electronics id: Inventory change code: 1/0 code:	JMOX JM2G AFAS JSR_03 JSR-12			
Measurement date: Results file name: Inspection number: Item id:	20. 03. 03 09: 033J4821. VER PB2 202003	48:21		
Stratum id: Material type: Original declared mass: Measurement option:	XXXX Pu 0.000 Verification			
Data source: QC tests: Error calculation:	Review disk f On Sample method			
Accidentals method: Inspector name: Passive comment:	Measured			
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default 0D 0.0000 +- 0.0000 +- 0.0000 +- 0.0000 +- 0.0000 +- 0.0000 +- 0.0000 +- 0.0000 +- 0.0000 +- 0.001.01	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 20.03.03 0.0000 +- 20.03.03	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0127			
Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0. 0000 0. 0000 0. 0000 0. 0000 0. 0001 0. 0001			

1.0000 +-

0.000 +-0.000 +-

0.0000

0. 000 0. 000 (1)

Normalization constant:

Passive singles bkgrnd: Passive doubles bkgrnd:

Passiv	/e triples bk; /e scaler1 bk; /e scaler2 bk;	grnd:	0. 000 +- 0. 000 0. 000	0.000		
Numbe	er passive cy Count time (10 60			
Passive	e error messa	ges				
	sive calibrat wn alpha calil		calibratio	on		
Results	·	ластоп				
		Sino	gles:	1236, 402 +	- 1.8	54
			oles:	6, 625 +		
			oles:	0.000 +		
			er 1:	42. 278 +		
		Scale		0.000 +		
Passive	e cycle raw d	ata				
Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
1	73825	6352	5868	2546	0	Pass
2	74361	6458	5814	2541	0	Pass
3 4	73922	6165	5874	2585	0	Pass
5	74711 74488	6266 6346	6012 6000	2580 2556	0	Pass Pass
6	74400	6113	5791	2484	0	Pass
7	74116	6318	5841	2523	0	Pass
8	74190	6262	5786	2540	0	Pass
9	74310	6328	5920	2547	0	Pass
10	73557	6066	5793	2465	0	Pass
Passive	cycle rate	data				
Cvcle	Singles	Doub	les	Triples	Mass	QC Tests
1	1230, 417		067	0.000	0.000	
2	1239. 350	10. 7		0.000	0.000	Pass
3	1232. 033	4. 8	350	0.000	0.000	Pass
4	1245. 183	4. 2	233	0.000	0.000	Pass
5	1241. 467	5. 7	767	0.000	0.000	Pass
6	1233. 517	5. 3	367	0.000	0.000	Pass
7	1236. 600		950	0.000	0.000	Pass
8	1241.000		933	0.000	0.000	
9	1238. 500		300	0.000	0.000	
10	1225. 950	4. 5	550	0.000	0. 000	Pass

0.000 +-

(2)

0.000 +-0.000

Passive triples bkgrnd: Passive scaler1 bkgrnd:

```
INCC 5. 1. 2
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                          20. 03. 03 10:05:25
033K0525. VER
             Inspection number
                                                          PB3 202003
                         Item id:
Stratum id:
                                                          XXXX
 Stratum Id:
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                         Pu
0.000
Verification
Review disk file
On
                                                          On
Sample method
Measured
          Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                        Isotopics id: Default
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                          0D

0.0000 +-

0.0000 +-

100.0000 +-
                                                                                                                  0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                          0.0000
0.0000
0.0000
                                                                                                                                                 0.0000
0.0000
0.0000
                                                                                          0.0000
                                                               0.0000 +-
0.0000 +-
                                        Pu241:
                                                                                                                                                 0.0000
0.0000
                                        Pu242:
                                   Pu date:
Am241:
Am date:
                                                          00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                  20. 03. 03
                                                                                                                  0. 0000 +-
20. 03. 03
                                                                                          0.0000
                                                                                                                                                 0.0000
                                 Predelay:
                                                                 1.50
64.00
                Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                             64. 00
1720
50. 0000
0. 0127
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                   0.0000
                                                                   0.0000
                                                                   0. 0000
0. 0000
0. 0001
0. 0001
                                                                   1.0000 +-
 Normalization constant:
                                                                                                 0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                    0.000 +-
0.000 +-
                                                                                                   (1)
```

Passive scaler2 bkgrnd: 0.000 Number passive cycles: Count time (sec) Passive error messages No passive calibration curve calibration No known alpha calibration Results Singles: Doubles: Triples: 669.555 +-1.983 +-0.000 +-54.807 +-1. 478 0. 332 0. 000 Scaler 1: 0.237 Scaler 2: 0.000 0.000 +-Passive cycle raw data Scaler2 QC Tests 0 Pass 0 Pass Cycle Singles Scaler1 A 1743 1702 1833 1903 3322 3346 40445 1848 1784 1853 1802 1640 1683 1703 1762 3298 3273 3267 3256 Pass Pass Pass Pass 39858 39635 40077 40094 Pass Pass Pass Pass 1702 1765 1741 40320 1851 3215 40073 1796 1895 3363 3257 3287 40414 10 40287 1834 Passive cycle rate data Singles Triples Mass QC Tests Cycle Doub I es 675. 500 674. 083 664. 300 660. 583 1. 500 3. 350 3. 467 1. 683 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 Pass Pass Pass Pass 667, 950 2. 500 0. 667 0.000 0.000 Pass 668 233 0.000 Pass 672.000 667.883 673.567 671.450 2. 483 0. 517 2. 567 1. 100 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 Pass Pass Pass Pass Pass

	_			
202003_AFAS-P	Bottom	Fork,	_Position4.	txt

INCC 5. 1. 2				
Facility: Material balance area: Detector type: Detector id: Electronics id: Inventory change code: I /0 code: Measurement date: Results file name: Inspection number: Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: OC tests: Error calculation: Accidentals method: Inspector name: Passive comment:	JMOX JM26 AFAS JSR 03 JSR-12 20.03.03 10: 033K2030.VER PB4 202003 XXXX Verification Review disk f On Sample method Measured			
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date: Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency:	Default 0D 0.0000 0.0000 100.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.50 0.0000 1.50 64.00 1720 50.0000 0.0127	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 20.03.03 0.0000 +- 20.03.03	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0. 0000 0. 0000 0. 0000 0. 0000 0. 0001 0. 0001			
Normalization constant:	1.0000 +-	0.0000		
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 +-	0.000 0.000		

(1)

202003_AFAS-P Bottom Fork_Position4.txt

(2)

Passive triples bkgrnd: 0.000 +-0.000 0.000 Number passive cycles Count time (sec): 60 Passive error messages

No passive calibration curve calibration No known alpha calibration

Results

1408. 567 +-8. 813 +-0. 000 +-0. 843 0. 644 0. 000 0. 457 Singles: Doubles: Triples: Scaler 2: 0.000 +-0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	84515	8085	7614	13919	0	Pass
2	84416	8152	7622	13881	0	Pass
3	84664	8072	7628	13997	0	Pass
4	84275	8249	7678	14091	0	Pass
4	84275	8249	7678	14091	0	Pass
5	84818	8398	7729	14055		Pass
6	84489	8154	7520	13879	0	Pass
7	84474	8028	7744	13819	0	Pass
8	84325	8164	7651	14001		Pass
9	84609	8114	7639	13978	0	Pass
10	84555	8204	7507	13892		Pass

Passive cycle rate data

Cycle	Singles	Doub I es	Triples	Mass	QC Tests
1	1408. 583	7. 850	0.000	0.000	Pass
2	1406. 933	8. 833	0.000	0.000	Pass
3	1411.067	7. 400	0.000	0.000	Pass
4	1404. 583	9. 517	0.000	0.000	Pass
5	1413. 633	11. 150	0.000	0.000	Pass
6	1408. 150	10. 567	0.000	0.000	Pass
7	1407. 900	4. 733	0.000	0.000	Pass
8	1405. 417	8. 550	0.000	0.000	Pass
9	1410. 150	7. 917	0.000	0.000	Pass
10	1409. 250	11. 617	0.000	0.000	Pass

(2)

202003_AFAS-P Bottom Fork_Position5.txt

Passive singles bkgrnd: Passive doubles bkgrnd: 0.000 +-0.000 +- 0. 000 0. 000 (1)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                          Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                               0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                           0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                           Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                             Number passive cycles:
                                                                                                                                                                                                                                                                                         Count time (sec)
                                                           JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                        Passive error messages
                                                           20. 03. 03 10:36:34
033K3634. VER
                                                                                                                                                                                                                                                                        No passive calibration curve calibration
No known alpha calibration
             PB5 202003
                                                                                                                                                                                                                                                                         Results
                                                           XXXX
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                         1256. 393 +-
7. 355 +-
0. 000 +-
125. 680 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                               1. 595
0. 604
0. 000
0. 595
0. 000
                                                                                                                                                                                                                                                                                                                                      Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                                                                                    Scaler 1:
                                                                                                                                                                                                                                                                                                                                    Scaler 2:
                                                           On
Sample method
Measured
                                                                                                                                                                                                                                                                        Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                  Scaler2 QC Tests
O Pass
                                                                                                                                                                                                                                                                                          Singles
75643
75650
                                                                                                                                                                                                                                                                                                                                                                          Scaler1
7646
7719
                                                                                                                                                                                                                                                                        Cycle
                                                                                                                                                                                                                                                                                                                                                      A
6162
6050
                                                                                                                                                                                                                                                                                                                            6642
6460
                         Isotopics id: Default
                                                           0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                            6363
6357
6364
6265
6615
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                 75025
75314
75215
74796
                                                                                                                                                                                                                                                                                                                                                      5977
6011
6105
5920
                                                                                                                                                                                                                                                                                                                                                                                 7529
7683
7600
7455
                                                                                                                                                                                                                                                                                                                                                                                                                 0
0
0
0
0
0
0
                                                                                            0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                     0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                    0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                 7468
7472
7431
7405
                                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
                                         Pu241:
                                                                                                                                                                                                                                                                                                 75388
                                                                                                                                                                                                                                                                                                                                                       6035
5989
                                         Pu242:
                                                                                                                                                                                                                                                                                                 75463
                                                                                                                                                                                                                                                                                                                             6495
                                    Pu date:
Am241:
Am date:
                                                           00. 01. 01
0. 0000
00. 01. 01
                                                                                                                                                                                                                                                                                                                                                      6048
6002
                                                                                                                                                                                                                                                                                                 75609
75733
                                                                                                                                                                                                                                                                                                                             6515
                                                                                                                     20. 03. 03
                                                                                                                     0.0000 +-
20.03.03
                                                                                             0.0000
                                                                                                                                                     0.0000
                                                                                                                                                                                                                                                                              10
                                                                                                                                                                                                                                                                        Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                  1.50
64.00
                                                                                                                                                                                                                                                                        Cycle
                                                                                                                                                                                                                                                                                                  Singles
                                                                                                                                                                                                                                                                                                                                                                     Triples
                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
                                                              64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                                    Doubles
                                                                                                                                                                                                                                                                                                 1260. 717
1260. 833
1250. 417
1255. 233
                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                      8. 000
6. 833
6. 433
5. 767
4. 317
5. 750
9. 667
8. 433
7. 783
10. 567
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                               5
6
7
                                                                                                                                                                                                                                                                                                 1253, 583
                                                                                                                                                                                                                                                                                                                                                                         0.000
0.000
                                                                                                                                                                                                                                                                                                                                                                                                          0.000
                                                                                                                                                                                                                                                                                                 1246 600
                                                                                                                                                                                                                                                                                                 1256. 467
1257. 717
1260. 150
1262. 217
                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
                                                                     1.0000 +-
 Normalization constant:
                                                                                                    0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     0.000 +-
0.000 +-
                                                                                                      (1)
                                                                                                                                                                                                                                                                                                                                                                               (2)
```

	202003_AFAS-P Bottom Fork_Position6.txt		202003_AFAS-	P Bottom Fork_	Position6.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bk Passive scaler1 bk Passive scaler2 bk	grnd: 0.000	- 0.000	
Material balance area: Detector type: Detector id:	JM26 AFAS JSR_03	Number passive cyc Count time (
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messa	ges		
Measurement date: Results file name: Inspection number:	20. 03. 03 10:51:38 033K5138. VER	No passive calibrat No known alpha cali		ion	
Item id: Stratum id:	PB6 202003 XXXX	Results			
Material type: Original declared mass: Measurement option: Data source: QC tests:	Pu 0.000 Verification Review disk file On		Singles: Doubles: Triples: Scaler 1: Scaler 2:	1701. 762 + 13. 707 + 0. 000 + 64. 280 + 0. 000 +	- 0. 647 - 0. 000 - 0. 217
Error calculation: Accidentals method: Inspector name:	Sample method Measured	Passive cycle raw d	ata		
Passive comment:		Cycle Singles 1 102020	R+A A 11699 11057	Scaler1 3853	Scaler2 QC Tests 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	$\begin{array}{llllllllllllllllllllllllllllllllllll$	2 101986 3 102464 4 102431 5 102046 6 102402 7 102160 8 101855 9 101820 10 101873	11784 11004 11957 11120 11974 11224 11817 11110 12090 11009 11810 10953 11952 11060 11855 11083 11878 10972	3778 3858 3902 3909 3867 3853 3872 3878 3798	O Pass
	00. 01. 01 20. 03. 03	Passive cycle rate	data		
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Coefficient C facatime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 1720 50.0000 0.0127 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0001	Cycle Singles 1 1700.333 2 1699.767 3 1707.733 4 1707.183 5 1700.767 6 1706.700 7 1702.667 8 1697.583 9 1697.000 10 1697.883	Doubles 10. 700 13. 000 13. 950 12. 500 11. 783 18. 017 14. 283 14. 867 12. 867 15. 100	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant:	1.0000 +- 0.0000				

202003_AFAS-P Bottom Fork_Position7.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                        Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                              0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                         Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                                           Number passive cycles:
                                                                                                                                                                                                                                                                                                        Count time (sec)
                                                               JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                      Passive error messages
                                                               20. 03. 03 11:07:43
033L0743. VER
                                                                                                                                                                                                                                                                                      No passive calibration curve calibration
No known alpha calibration
             PB7 202003
                                                                                                                                                                                                                                                                                      Results
                                                               XXXX
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                            4342. 797 +-
84. 557 +-
0. 000 +-
99. 172 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                    2. 786
2. 368
0. 000
0. 423
0. 000
                                                                                                                                                                                                                                                                                                                                                       Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                                                                                                     Scaler 1:
                                                                                                                                                                                                                                                                                                                                                     Scaler 2:
                                                               On
Sample method
Measured
                                                                                                                                                                                                                                                                                      Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                                       Scaler2 QC Tests
O Pass
                                                                                                                                                                                                                                                                                                         Singles
260657
260408
                                                                                                                                                                                                                                                                                                                                                                                             Scaler 1
5855
5946
                                                                                                                                                                                                                                                                                                                                           R+A
77825
77301
                                                                                                                                                                                                                                                                                      Cycle
                                                                                                                                                                                                                                                                                                                                                                      A
72436
72518
                          Isotopics id: Default
                                                                                                                                                                                                                                                                                                           260408
260853
259435
260442
260928
261090
260119
261267
260479
                                                               0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                   6099
5942
5886
5942
                                                                                                                                                                                                                                                                                                                                           78148
76612
77701
77164
77766
77455
77919
77617
                                                                                                                                                                                                                                                                                                                                                                     72525
71706
72263
73024
72922
72125
73071
72184
                                                                                                                                                                                                                                                                                                                                                                                                                                      0
0
0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                           0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                            0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
                                            Pu241:
                                                                                                                                                                                                                                                                                                                                                                                                    5841
                                                                                                                                                                                                                                                                                                                                                                                                   6036
6006
5950
                                            Pu242:
                                      Pu242:
Pu date:
Am241:
Am date:
                                                               00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                           20. 03. 03
                                                                                                                           0.0000 +-
20.03.03
                                                                                                                                                                                                                                                                                            10
                                                                                                  0.0000
                                                                                                                                                             0.0000
                                                                                                                                                                                                                                                                                      Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                      Cycle
                                                                                                                                                                                                                                                                                                                 Singles
                                                                                                                                                                                                                                                                                                                                                                                        Triples
                                                                                                                                                                                                                                                                                                                                                                                                                                 Mass QC Tests
                                                                  64. 00
64. 00
1720
50. 0000
0. 0127
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                                                    Doubles
                                                                                                                                                                                                                                                                                                                4344. 283
4340. 133
4347. 550
4323. 917
                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                       89. 817
79. 717
93. 717
81. 767
90. 633
69. 000
80. 733
88. 833
80. 800
90. 550
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                4340, 700
                                                                                                                                                                                                                                                                                                                                                                                            0.000
0.000
                                                                                                                                                                                                                                                                                                                                                                                                                               0.000
                                                                                                                                                                                                                                                                                                                4348 800
                                                                                                                                                                                                                                                                                                               4351. 500
4351. 500
4335. 317
4354. 450
4341. 317
                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                         1.0000 +-
 Normalization constant:
                                                                                                         0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.000 +-
0.000 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                   (2)
```

02003_AFAS-P Bottom Fork_Position8.txt	202003_AFAS-P Bo

	202003_AFAS-P Bottom Fork_Position8.txt	202003_AFAS-P Bottom Fork_Position8.txt
INCC 5.1.2	JMOX	Passive triples bkgrnd: 0.000 +- 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JM2G AFAS	Number passive occles: 10 Count time (sec): 60
Electronics id: Inventory change code:		Passive error messages
I/O code: Measurement date: Results file name:	20. 03. 03 11:30:48 033L3048. VER	No passive calibration curve calibration No known alpha calibration
Inspection number: Item id: Stratum id:		Results
Material type: Original declared mass: Measurement option: Data source: QC tests:	Pu 0.000 Verification Review disk file	Singles: 37734.248 ← 6.791 Doubles: 6424.942 ← 19.139 Triples: 0.000 ← 0.000 Scaler 1: 308.557 ← 0.641 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method: Inspector name:	Sample method Measured	Passive cycle raw data
Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 2262775 5849383 5460208 18349 0 Pass
Isotopics id: Isotopics source code: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default 00 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 0.01.01 20.03.03 0.0000 0.0000 0.0000 ← 0.0000 0.0000 0.0000 0.0000 ← 0.0000 0.0000 0.0000	2 2265127 5854424 5473290 18451 0 Pass 3 226451 5867033 547869 18530 0 Pass 4 2263119 5847017 5466155 18622 0 Pass 5 2264791 5852089 5468854 18419 0 Pass 6 2263914 5850389 5465247 18634 0 Pass 7 2263607 5861957 5464494 18363 0 Pass 8 2261934 5842497 5454221 18718 0 Pass 9 2264327 5854336 5465441 18556 0 Pass 10 2264504 5851040 5469921 18492 0 Pass
Predelay:	1. 50	Passive cycle rate data
Gate length: And gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient Coedadtime: Doubles gate fraction: Triples gate fraction: Normalization constant:	64.00 64.00 1720 50.0000 0.0127 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 1.0000 ← 0.0000	Cycle Singles Doubles Triples Mass QC Tests 2 37172-917 6486-250 0.000 0.000 Pass 2 37752-117 6352-233 0.000 0.000 Pass 3 37774-183 6486-067 0.000 0.000 Pass 4 37718-650 6347-700 0.000 0.000 0.000 Pass 5 37746-517 6387-250 0.000 0.000 Pass 6 37731-900 6419-033 0.000 0.000 Pass 7 37726-783 6457-717 0.000 0.000 Pass 8 37698-900 6471-267 0.000 0.000 Pass 9 37738-783 6489-917 0.000 0.000 Pass 10 37741-733 6351-983 0.000 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000	
	(1)	(2)

7226. 427 +-236. 133 +-0. 000 +-1025. 258 +-

0.000 +-

Scaler1 61544 61584

61510

61582 61652 61463

61351

61419

61532

61518

Triples

0. 000 0. 000 0. 000 0. 000

0.000

0. 000 0. 000 0. 000 0. 000

(2)

3. 918 3. 041 0. 000 0. 458

0.000

Scaler2 QC Tests 0 Pass 0 Pass

0. 000 0. 000 0. 000 0. 000 Pass Pass Pass Pass

0.000 Pass

0.000 Pass

0. 000 0. 000 0. 000 0. 000 Pass Pass Pass Pass

Pass Pass Pass Pass

Pass Pass Pass

Mass QC Tests

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                   0.000 +-
0.000
                                                                                                                                                                                                                           Passive triples bkgrnd:
Passive scaler1 bkgrnd:
   Facility:
Material balance area:
Detector type:
Detector id:
                                                                                                                                                                                                                           Passive scaler2 bkgrnd
                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                              Number passive cycles:
                                                                                                                                                                                                                                       Count time (sec)
                Electronics id:
                                                 JSR-12
   Inventory change code:

1/0 code:

Measurement date:
Results file name:
                                                                                                                                                                                                                         Passive error messages
                                                 20. 03. 03 14:33:37
03303337. VER
                                                                                                                                                                                                                         No passive calibration curve calibration
No known alpha calibration
            Inspection number
                     Item id:
Stratum id:
                                                 PB9 202003
                                                                                                                                                                                                                          Results
                                                 XXXX
                                                 Pu
0.000
Verification
Review disk file
 Material type:
Original declared mass:
Measurement option:
Data source:
                                                                                                                                                                                                                                                                            Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                          Scaler 1
                            QC tests:
                                                 0n
                                                                                                                                                                                                                                                                          Scaler 2:
         Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                 Sample method
Measured
                                                                                                                                                                                                                         Passive cycle raw data
                                                                                                                                                                                                                                        Singles
434398
433172
                                                                                                                                                                                                                          Cycle
                                                                                                                                                                                                                                                                 215721
213870
                                                                                                                                                                                                                                                                                      201601
200779
                    Isotopics id:
                                                 Default
   Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                 0D

0.0000 +-

0.0000 +-

100.0000 +-
                                                                                                                                                                                                                                                                                     200009
199952
200275
201835
                                                                                                                                                                                                                                           432904
                                                                                                                                                                                                                                                                 214089
                                                                                                0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                            0.0000
0.0000
0.0000
                                                                                                                           0.0000
0.0000
0.0000
                                                                                                                                                                                                                                           432914
433345
434641
                                                                                                                                                                                                                                                                214542
214654
215956
                                                                                                                                                                                                                                           432386
                                  Pu241:
                                                     0.0000 +-
0.0000 +-
                                                                             0.0000
                                                                                                                           0.0000
0.0000
                                                                                                                                                                                                                                                                213135
215638
                                                                                                                                                                                                                                                                                      199645
                                                                            0.0000
                                                                                                                                                                                                                                                                                     200611
200890
200644
                                  Pu242:
                                                                                                                                                                                                                                           433970
                             Pu date:
Am241:
Am date:
                                                 00. 01. 01
0. 0000
00. 01. 01
                                                                                                20. 03. 03
                                                                                                                                                                                                                                           433983
                                                                                                                                                                                                                                                                 215671
                                                                                                0.0000 +-
20.03.03
                                                                            0.0000
                                                                                                                           0.0000
                                                                                                                                                                                                                              10
                                                                                                                                                                                                                                           434143
                                                                                                                                                                                                                                                                214645
                                                                                                                                                                                                                          Passive cycle rate data
                            Predelay:
                                                       1.50
64.00
              Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                         Cycle
                                                                                                                                                                                                                                              Singles
                                                                                                                                                                                                                                                                          Doubles |
                                                    64. 00
1720
50. 0000
0. 0127
                                                                                                                                                                                                                                             7239. 967
7219. 533
7215. 067
7215. 233
                                                                                                                                                                                                                                                                          235. 333
218. 183
234. 667
243. 167
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                         0.0000
                                                                                                                                                                                                                                             7222, 417
                                                                                                                                                                                                                                                                          239, 650
                                                         0.0000
                                                                                                                                                                                                                                             7244 017
                                                                                                                                                                                                                                                                          235 350
                                                         0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                             7244. 017
7206. 433
7232. 833
7233. 050
7235. 717
                                                                                                                                                                                                                                                                          224. 833
250. 450
246. 350
233. 350
 Normalization constant:
                                                         1.0000 +-
                                                                                   0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                         0.000 +-
0.000 +-
                                                                                    (1)
```

		2020	003_AFAS-P	Bottom Fork	_Position10). txt
Passiv	e triples bk; e scaler1 bk; e scaler2 bk;	grnd:	0.000 +- 0.000 0.000	0.000		
	r passive cy Count time (10 60			
Passive	error messa	ges				
	ive calibrat n alpha calil		calibrati	on		
Results						
		Dou Tri Sca	ngles: ubles: iples: ler 1: ler 2:	3076. 913 41. 247 0. 000 2328. 595 0. 000	+- 1.49 +- 0.00 +- 1.7	99 00 47
Passive	cycle raw d	ata				
Cycle 1 2 3 4 5 6 7 8 9	Singles 184542 185102 184565 184903 184729 183791 185022 184251 184947 184296	R+A 38610 39303 39224 39253 38938 38662 39038 38835 38743 38645	A 36467 36485 36423 36559 36560 35964 36870 36373 36701 36101	Scaler1 139737 140210 139508 138935 139745 139893 139748 139648 139930 139803	Scaler2 0 0 0 0 0 0 0 0 0 0	QC 1 Pass Pass Pass Pass Pass Pass Pass Pas
	cycle rate			.		00
Cycle 1 2 3 4 5 6 7 8 9 10	Singles 3075. 700 3085. 033 3076. 083 3081. 717 3078. 817 3063. 183 3083. 700 3070. 850 3082. 450 3071. 600	46. 44. 39. 44. 36. 41. 34.	717 967 683 900 633 967 133 033 033	Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000	QC Pas Pas Pas Pas Pas Pas Pas Pas

202003_AFAS-P Bottom Fork_Position10.txt

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                       0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                     Passive triples bkgrnd:
Passive scaler1 bkgrnd:
   Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                     Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                       0.000
                                                                                                                                                                                                                                                                       Number passive cycles:
                                                                                                                                                                                                                                                                                   Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                  Passive error messages
                                                          20. 03. 03 09:32:17
033J3217. VER
                                                                                                                                                                                                                                                                  No passive calibration curve calibration
No known alpha calibration
            PC1 202003
XXXX
                                                                                                                                                                                                                                                                  Results
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                         Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                 1007. 699 +-
3. 656 +-
0. 000 +-
49. 023 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                              Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                                                                                                                                                      1. 331
0. 378
0. 000
                                                                                                                                                                                                                                                                                                                             Scaler 1:
                                                                                                                                                                                                                                                                                                                                                                                                      0.308
                                                                                                                                                                                                                                                                                                                            Scaler 2:
          QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                          On
Sample method
Measured
                                                                                                                                                                                                                                                                  Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                         Scaler2 QC Tests
O Pass
                                                                                                                                                                                                                                                                                    Singles
60394
60297
                                                                                                                                                                                                                                                                                                                                                                 Scaler1
2950
3011
                                                                                                                                                                                                                                                                  Cycle
                                                                                                                                                                                                                                                                                                                                              A
3921
3879
                                                                                                                                                                                                                                                                                                                     4088
4142
                        Isotopics id: Default
                                                          0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                              3842
4049
3923
3862
3855
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                          60487
60754
60556
60241
                                                                                                                                                                                                                                                                                                                     4142
4144
4170
4059
4067
4189
4132
4076
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                                                                                                                                                                                                                                                                                                                                                                                                        0
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0
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0.0000
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0.0000
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0.0000 +-
100.0000 +-
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0.0000
0.0000
0.0000
0.0000
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3056
2927
                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                       2960
2943
2918
2871
                                        Pu241:
                                                                                                                                                                                                                                                                                          60226
                                                                                                                                                                                                                                                                                                                                              4030
3792
3863
                                        Pu242:
                                                                                                                                                                                                                                                                                          60961
                                   Pu242:
Pu date:
Am241:
Am date:
                                                          00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                  20. 03. 03
                                                                                                                                                                                                                                                                                          60157
                                                                                                                  0.0000 +-
20.03.03
                                                                                           0.0000
                                                                                                                                                  0.0000
                                                                                                                                                                                                                                                                        10
                                                                                                                                                                                                                                                                                          60494
                                                                                                                                                                                                                                                                  Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                 1.50
64.00
                                                                                                                                                                                                                                                                  Cycle
                                                                                                                                                                                                                                                                                           Singles
                                                                                                                                                                                                                                                                                                                                                             Triples
                                                                                                                                                                                                                                                                                                                                                                                                   Mass QC Tests
                                                                                                                                                                                                                                                                                                                           Doubles
                                                             64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                          1006. 654
1005. 037
1008. 205
1012. 655
                                                                                                                                                                                                                                                                                                                               2. 784
4. 385
5. 002
1. 584
                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                         5
6
7
                                                                                                                                                                                                                                                                                          1009, 355
                                                                                                                                                                                                                                                                                                                                4. 118
3. 284
                                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                                                                                                                                                 0.000
                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                          1004 104
                                                                                                                                                                                                                                                                                          1004. 104
1003. 854
1016. 106
1002. 704
1008. 321
                                                                                                                                                                                                                                                                                                                               3. 535
2. 651
5. 669
3. 551
                                                                                                                                                                                                                                                                                                                                                                 0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                    1.0000 +-
                                                                                                  0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                    0.000 +-
0.000 +-
                                                                                                    (1)
                                                                                                                                                                                                                                                                                                                                                                       (2)
```

	202003_AFAS-P Collar_Position2.txt			202003_AFA	S-P Collar_Po	sition2. txt
INCC 5. 1. 2		Passive so	iples bkgrnd aler1 bkgrnd	: 0.000	0.000	
Facility: Material balance area:	JMOX JM2G	Passive so	aler2 bkgrnd	: 0.000		
Detector type: Detector id:	JRR_03		ssive cycles t time (sec)			
Electronics id: Inventory change code:	JSR-12	Passive err	or messages			
I/O code: Measurement date: Results file name:	20. 03. 03 09:48:21 033J4821. VER		calibration o	curve calibration	on	
Inspection number: Item id:	PC2 202003	Results				
Stratum id: Material type: Original declared mass:	XXXX Pu 0.000			Singles: Doubles:	1236. 534 + 6. 628 +	
Measurement option: Data source:	Verification Review disk file			Triples: Scaler 1:	0. 000 + 42. 278 +	- 0. 200
QC tests: Error calculation: Accidentals method:	On Sample method Measured	Passive cyc	le raw data	Scaler 2:	0.000 +	- 0.000
Inspector name: Passive comment:			gles R+/ 3825 6	A A 352 5868	Scaler1 2546	Scaler2 QC Tests 0 Pass
Isotopics id: Isotopics source code:	Default OD	3 7	3922 6	458 5814 165 5874	2541 2585	0 Pass 0 Pass
Pu238 : Pu239 : Pu240 :	$0.0000 \leftarrow 0.0000$ $0.0000 \leftarrow 0.0000$ 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	5 7	4488 6	266 6012 346 6000 113 5791	2580 2556 2484	0 Pass 0 Pass 0 Pass
Pu241: Pu242:	0.0000 +- 0.0000	7 7 8 7	4196 6: 4460 6:	318 5841 262 5786	2523 2540	0 Pass 0 Pass
Pu date: Am241: Am date:	00.01.01 20.03.03 03 0.0000 +- 0.0000 0.0000 +- 0.0000 0.01.01 20.03.03			328 5920 066 5793	2547 2465	0 Pass 0 Pass
Predelay:	1.50	Passive cyc	le rate data			
Gate length: 2nd gate length:	64. 00 64. 00	1 1	Singles 230. 548	Doubles 8. 070	Triples 0.000	Mass QC Tests 0.000 Pass
High voltage: Die away time:	1720 50. 0000		239. 483 232. 165	10. 738 4. 852	0. 000 0. 000	0. 000 Pass 0. 000 Pass
Efficiency:	0.1620		245, 317	4. 235	0.000	0.000 Pass
Multiplicity deadtime:	86. 5000	5 1	241. 600	5. 769	0. 000	0.000 Pass
Coefficient A deadtime:	0.3458		233. 648	5. 369	0.000	0.000 Pass
Coefficient B deadtime: Coefficient C deadtime:	0. 0299 0. 0000		236. 732 241. 133	7. 953 7. 937	0. 000 0. 000	0. 000 Pass 0. 000 Pass
Doubles gate fraction:	0.0001		238. 633	6. 803	0.000	0.000 Pass
Triples gate fraction:	0.0001		226. 080	4. 552	0. 000	0.000 Pass
Normalization constant:	1. 0000 +- 0. 0000					
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000					

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
    Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                            Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                              Number passive cycles:
                                                                                                                                                                                                                                                                                          Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                         Passive error messages
                                                            20. 03. 03 10:05:25
033K0525. VER
                                                                                                                                                                                                                                                                         No passive calibration curve calibration
No known alpha calibration
             PC3 202003
XXXX
                                                                                                                                                                                                                                                                         Results
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                            669. 594 +-
1. 984 +-
0. 000 +-
54. 807 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                       Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                                                                                                                                                                1. 479
0. 332
0. 000
                                                                                                                                                                                                                                                                                                                                     Scaler 1:
                                                                                                                                                                                                                                                                                                                                                                                                                0. 237
0. 000
                                                                                                                                                                                                                                                                                                                                     Scaler 2:
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                         Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                   Scaler2 QC Tests
O Pass
                                                                                                                                                                                                                                                                                           Singles
40530
40445
                                                                                                                                                                                                                                                                         Cycle
                                                                                                                                                                                                                                                                                                                                                                            Scaler1
                                                                                                                                                                                                                                                                                                                                                       A
1743
1702
1640
1683
1703
1762
1702
1765
1741
1768
                                                                                                                                                                                                                                                                                                                              1833
1903
                                                                                                                                                                                                                                                                                                                                                                                 3322
3346
                        Isotopics id: Default
                                                           0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                              1848
1784
1853
1802
                                                                                                                                                                                                                                                                                                                                                                                 3298
3273
3267
3256
                                                                                                                                                                                                                                                                                                  39858
                                                                                                                                                                                                                                                                                                                                                                                                                  0
0
0
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0
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0
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0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
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0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                  39635
40077
40094
                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                             1851
1796
1895
1834
                                                                                                                                                                                                                                                                                                  40320
40073
                                                                                                                                                                                                                                                                                                                                                                                 3215
3363
                                         Pu241:
                                         Pu242:
                                    Pu242:
Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                                                                                                                                 3257
3287
                                                                                                                     20. 03. 03
                                                                                                                                                                                                                                                                                                  40414
                                                                                                                     0.0000 +-
20.03.03
                                                                                             0.0000
                                                                                                                                                      0.0000
                                                                                                                                                                                                                                                                               10
                                                                                                                                                                                                                                                                                                  40287
                                                                                                                                                                                                                                                                         Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                         Cycle
                                                                                                                                                                                                                                                                                                   Singles
                                                                                                                                                                                                                                                                                                                                                                      Triples
                                                                                                                                                                                                                                                                                                                                                                                                             Mass QC Tests
                                                                                                                                                                                                                                                                                                                                    Doubles
                                                              64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                   675. 539
674. 123
664. 338
660. 621
                                                                                                                                                                                                                                                                                                                                        1. 500
3. 351
3. 467
1. 684
                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                    667, 989
                                                                                                                                                                                                                                                                                                                                         2. 501
0. 667
                                                                                                                                                                                                                                                                                                                                                                          0.000
0.000
                                                                                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                                                                    668 272
                                                                                                                                                                                                                                                                                                   672. 039
667. 922
673. 606
671. 489
                                                                                                                                                                                                                                                                                                                                         2. 484
0. 517
2. 567
1. 100
                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                          0. 000
0. 000
0. 000
0. 000
                                                                     1.0000 +-
 Normalization constant:
                                                                                                    0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                     0.000 +-
0.000 +-
                                                                                                      (1)
                                                                                                                                                                                                                                                                                                                                                                                 (2)
```

	202003_AFAS-P Collar	_Position4. txt				202	003_AFA	S-P Collar_Pos	sition4.t	ĸt
INCC 5. 1. 2					ve triples bk ve scaler1 bk		. 000 +-	0.000		
Facility: Material balance area:	JMOX JM2G			Passiv	ve scaler2 bk	grnd: 0	. 000			
Detector type: Detector id: Electronics id:	AFAS JSR_03 JSR-12				er passive cy Count time (10 60			
Inventory change code: I/O code:	03N-12			Passive	e error messa	ges				
Measurement date: Results file name: Inspection number:	20. 03. 03 10:20:30 033K2030. VER				sive calibrat wn alpha cali		librati	on		
Inspection number: Item id: Stratum id:	PC4 202003 XXXX			Results	\$					
Material type: Original declared mass:						Singl Doubl	es:	1408. 738 +- 8. 818 +-	- 0.64	44
Measurement option: Data source: QC tests:	Verification Review disk file On					Tripl Scaler Scaler	1:	0.000 +- 232.520 +- 0.000 +-	- 0.4	57
Error calculation: Accidentals method: Inspector name:	Sample method Measured			Passive	cycle raw d	ata				
Passive comment:				Cycle 1	Singles 84515	R+A 8085	A 7614	Scaler1 13919		Pass
Isotopics id: Isotopics source code: Pu238:	Default OD 0.0000 +- 0.0000	0.0000 +-	0.0000	2 3 4	84416 84664 84275	8152 8072 8249	7622 7628 7678	13881 13997 14091		Pass Pass Pass
Pu239: Pu240:	0.0000 +- 0.0000 100.0000 +- 0.0000	0.0000 +- 100.0000 +-	0. 0000 0. 0000	5	84818 84489	8398 8154	7729 7520	14055 13879	0	Pass Pass
Pu241: Pu242: Pu date:	0.0000 +- 0.0000 0.0000 +- 0.0000 00.01.01	0.0000 +- 0.0000 +- 20.03.03	0. 0000 0. 0000	7 8 9	84474 84325 84609	8028 8164 8114	7744 7651 7639	13819 14001 13978	0 0 0	Pass Pass Pass
Am241: Am date:	0.0000 +- 0.0000 00.01.01	0.0000 +- 20.03.03	0.0000	10	84555	8204	7507	13892		Pass
Predelay:	1. 50				cycle rate					
Gate length: 2nd gate length: High voltage: Die away time:	64. 00 64. 00 1720 50. 0000			Cycle 1 2 3	Singles 1408. 755 1407. 104 1411. 239	7. 85 8. 83 7. 40	4 8 4	Triples 0.000 0.000 0.000	Mass 0. 000 0. 000 0. 000	Pass Pass Pass
Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime:	0. 1620 86. 5000 0. 3458 0. 0299			4 5 6 7	1404. 754 1413. 806 1408. 321 1408. 071	9. 52 11. 15 10. 57 4. 73	5 2 6	0. 000 0. 000 0. 000 0. 000	0. 000 0. 000 0. 000 0. 000	Pass Pass
Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	0. 0000 0. 0001 0. 0001			8 9 10	1405. 587 1410. 322 1409. 422	8. 55 7. 92 11. 62	1	0. 000 0. 000 0. 000	0. 000 0. 000 0. 000	Pass
Normalization constant:	1.0000 +- 0.000	0								
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 + 0.000 0.000 + 0.000									

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                              Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                    0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                 0.000
    Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                                               Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                 Number passive cycles:
                                                                                                                                                                                                                                                                                             Count time (sec)
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                            Passive error messages
                                                            20. 03. 03 10:36:34
033K3634. VER
                                                                                                                                                                                                                                                                            No passive calibration curve calibration
No known alpha calibration
             PC5 202003
                                                                                                                                                                                                                                                                            Results
                                                            XXXX
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                               1256. 530 +-
7. 358 +-
0. 000 +-
125. 680 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                     1. 596
0. 605
0. 000
0. 595
0. 000
                                                                                                                                                                                                                                                                                                                                           Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                                                                                         Scaler 1:
                                                                                                                                                                                                                                                                                                                                        Scaler 2:
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                            Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                        Scaler2 QC Tests
O Pass
                                                                                                                                                                                                                                                                                               Singles
75643
75650
                                                                                                                                                                                                                                                                                                                                                                               Scaler1
7646
7719
                                                                                                                                                                                                                                                                            Cycle
                                                                                                                                                                                                                                                                                                                                                           A
6162
6050
                                                                                                                                                                                                                                                                                                                                 6642
6460
                         Isotopics id: Default
                                                            0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                 6363
6357
6364
6265
6615
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                     75025
75314
75215
74796
                                                                                                                                                                                                                                                                                                                                                           5977
6011
6105
5920
                                                                                                                                                                                                                                                                                                                                                                                      7529
7683
7600
7455
                                                                                                                                                                                                                                                                                                                                                                                                                       0
0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                      0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                      0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                                                                      7468
7472
7431
7405
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                            6035
5989
                                          Pu241:
                                                                                                                                                                                                                                                                                                     75388
                                          Pu242:
                                                                                                                                                                                                                                                                                                     75463
                                                                                                                                                                                                                                                                                                                                 6495
                                    Pu242:
Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                                                                                                            6048
6002
                                                                                                                                                                                                                                                                                                     75609
75733
                                                                                                                                                                                                                                                                                                                                 6515
                                                                                                                      20. 03. 03
                                                                                                                      0.0000 +-
20.03.03
                                                                                              0.0000
                                                                                                                                                        0.0000
                                                                                                                                                                                                                                                                                  10
                                                                                                                                                                                                                                                                            Passive cycle rate data
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                   1.50
64.00
                                                                                                                                                                                                                                                                            Cycle
                                                                                                                                                                                                                                                                                                       Singles
                                                                                                                                                                                                                                                                                                                                                                          Triples
                                                                                                                                                                                                                                                                                                                                                                                                                  Mass QC Tests
                                                                                                                                                                                                                                                                                                                                        Doub I es
                                                               64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                     1260. 854
1260. 971
1250. 552
1255. 370
                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                           8. 003
6. 836
6. 436
5. 769
4. 319
5. 752
9. 671
8. 437
7. 787
10. 571
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                   5
6
7
                                                                                                                                                                                                                                                                                                     1253. 719
1246. 734
                                                                                                                                                                                                                                                                                                                                                                               0.000
0.000
                                                                                                                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
                                                                                                                                                                                                                                                                                                                                                                                                                                Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                     1256. 603
1257. 853
1260. 287
1262. 354
                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                               0. 000
0. 000
0. 000
0. 000
                                                                      1.0000 +-
                                                                                                     0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                     (2)
```

	202003_AFAS-P Collar	Position6 tyt				20	2002 AEAS	S-P Collar_Po	nition6 t	v+
	ZUZUUS_AFAS-F GUTTAT					20	2003_AI A	5-F GUITAL_FU	31 L TOHO. L	X L
INCC 5. 1. 2					e triples bk		0.000 +- 0.000	0.000		
Facility:				Passiv	e scaler2 bk	grnd:	0.000			
Material balance area: Detector type:	JM2G AFAS			Numbe	r passive cy	eles:	10			
Detector id:	JSR_03				Count time (60			
Electronics id:	JSR-12									
Inventory change code: I/O code:				Passive	error messa	ges				
Measurement date:	20. 03. 03 10:51:38				ive calibrat		alibratio	on		
Results file name: Inspection number:	033K5138. VER			No know	m alpha calil	oration				
Item id:	PC6 202003			Results	;					
Stratum id:	XXXX							.===		
Material type: Original declared mass:	Pu 0. 000					Sing Doub		1702. 012 + 13. 715 +		
Measurement option:	Verification					Trip	les:	0.000 +	- 0.00	
Data source: QC tests:	Review disk file On					Scale Scale		64. 280 + 0. 000 +		
Error calculation:	Sample method					Scare	r Z.	0.000 +	- 0.00	JU
Accidentals method:	Measured			Passive	cycle raw d	ata				
Inspector name: Passive comment:				Cycle	Singles	R+A	Α	Scaler1	Scaler2	QC Tests
T door vo dominorie:				1	102020	11699	11057	3853	0	Pass
Isotopics id:	Default			2	101986	11784	11004	3778		Pass
Isotopics source code: Pu238:	0D 0,0000 +- 0,0000	0.0000 +-	0.0000	3 4	102464 102431	11957 11974	11120 11224	3858 3902		Pass Pass
Pu239:	0.0000 +- 0.0000	0.0000 +-	0.0000	5	102046	11817	11110	3909	0	Pass
Pu240: Pu241:	100.0000 +- 0.0000 0.0000 +- 0.0000	100.0000 +- 0.0000 +-	0.0000 0.0000	6 7	102402 102160	12090 11810	11009 10953	3867 3853		Pass Pass
Pu241:	0.0000 +- 0.0000	0.0000 +-	0.0000	8	101855	11952	11060	3872		Pass
Pu date:	00. 01. 01	20. 03. 03		9	101820	11855	11083	3878		Pass
Am241: Am date:	0.0000 +- 0.0000 00.01.01	0.0000 +- 20.03.03	0.0000	10	101873	11878	10972	3798	0	Pass
		20. 00. 00		Passive	cycle rate	data				
Predelay: Gate length:	1. 50 64. 00			Cycle	Singles	Doub I	00	Triples	Mass	QC Tests
2nd gate length:	64. 00			1	1700. 583	10. 7		0.000	0.000	
High voltage:	1720			2	1700. 016	13. 0		0.000	0.000	
Die away time: Efficiency:	50. 0000 0. 1620			3 4	1707. 986 1707. 435	13. 9 12. 5		0. 000 0. 000	0. 000 0. 000	Pass Pass
Multiplicity deadtime:	86. 5000			5	1701. 017	11. 7		0.000	0.000	Pass
Coefficient A deadtime:	0. 3458			6 7	1706. 952	18.0		0.000	0.000	Pass
Coefficient B deadtime: Coefficient C deadtime:	0. 0299 0. 0000			8	1702. 917 1697. 833	14. 2 14. 8		0. 000 0. 000	0. 000 0. 000	Pass Pass
Doubles gate fraction:	0.0001			9	1697. 249	12. 8	74	0.000	0.000	Pass
Triples gate fraction:	0. 0001			10	1698. 133	15. 1	09	0. 000	0. 000	Pass
Normalization constant:	1.0000 +- 0.000	0								
Passive singles bkgrnd:	0.000 + 0.000									
Passive doubles bkgrnd:	0.000 + 0.000									

```
202003_AFAS-P Collar_Position7.txt
                                                                                                                                                                                                                                                            202003_AFAS-P Collar_Position7.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                               0.000 +-
0.000
                                                                                                                                                                                                            Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                     0.000
   Facility:
Material balance area:
Detector type:
Detector id:
                                                                                                                                                                                                            Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                              Number passive cycles:
                                                                                                                                                                                                                       Count time (sec)
               Electronics id:
                                              JSR-12
   Inventory change code:

1/0 code:

Measurement date:
Results file name:
                                                                                                                                                                                                          Passive error messages
                                             20. 03. 03 11:07:43
033L0743. VER
                                                                                                                                                                                                         No passive calibration curve calibration
No known alpha calibration
           Inspection number
                           Item id:
                                              PC7 202003
                                                                                                                                                                                                          Results
                   Stratum id:
                                              XXXX
                                             Pu
0.000
Verification
Review disk file
 Material type:
Original declared mass:
Measurement option:
Data source:
                                                                                                                                                                                                                                                                                    4344. 428 +-
84. 684 +-
0. 000 +-
99. 172 +-
                                                                                                                                                                                                                                                        Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                       Scaler 1
                                                                                                                                                                                                                                                                                                                 0.423
                          QC tests:
                                              0n
                                                                                                                                                                                                                                                       Scaler 2:
                                                                                                                                                                                                                                                                                         0.000 +-
                                                                                                                                                                                                                                                                                                                0.000
                                             Sample method
Measured
          Frror calculation
        Accidentals method:
Inspector name:
Passive comment:
                                                                                                                                                                                                          Passive cycle raw data
                                                                                                                                                                                                          Cycle
                                                                                                                                                                                                                        Singles
                                                                                                                                                                                                                                                                                    Scaler1
                                                                                                                                                                                                                                                                                                       Scaler2 QC Tests
                                                                                                                                                                                                                          260657
260408
                                                                                                                                                                                                                                                77825
77301
                                                                                                                                                                                                                                                                   72436
72518
                                                                                                                                                                                                                                                                                         5855
5946
                                                                                                                                                                                                                                                                                                                  0
                                                                                                                                                                                                                                                                                                                       Pass
Pass
                   Isotopics id:
                                             Default
   Isotopics source code:
Pu238:
Pu239:
Pu240:
                                             0D

0.0000 +-

0.0000 +-

100.0000 +-
                                                                                                                                                                                                                                                78148
76612
77701
77164
                                                                                                                                                                                                                                                                   72525
71706
72263
73024
                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
                                                                                                                                                                                                                          260853
                                                                                         0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                      0.0000
0.0000
0.0000
                                                                                                                  0.0000
0.0000
0.0000
                                                                                                                                                                                                                          259435
260442
260928
                                                                                                                                                                                                                                                                                         5942
5886
5942
                                Pu241:
                                                 0.0000 +-
0.0000 +-
                                                                       0.0000
                                                                                                                  0.0000
0.0000
                                                                                                                                                                                                                          261090
                                                                                                                                                                                                                                                77766
                                                                                                                                                                                                                                                                   72922
                                                                                                                                                                                                                                                                                         5841
                                                                                                                                                                                                                                                                                                                  0
0
0
0
                                                                                                                                                                                                                                                                                                                       Pass
                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
                               Pu242:
                                                                       0.0000
                                                                                                                                                                                                                          260119
                                                                                                                                                                                                                                                77455
                                                                                                                                                                                                                                                                    72125
73071
                                                                                                                                                                                                                                                                                          6036
                           Pu date:
Am241:
Am date:
                                             00.01.01
                                                                                         20. 03. 03
                                                                                                                                                                                                                          261267
                                                                                                                                                                                                                                                77919
                                                                                                                                                                                                                                                                                          6006
                                             0. 0000
                                                                                         0.0000 +-
20.03.03
                                                                       0.0000
                                                                                                                  0.0000
                                                                                                                                                                                                              10
                                                                                                                                                                                                                          260479
                                                                                                                                                                                                                                                                   72184
                                                                                                                                                                                                                                                                                         5950
                                                                                                                                                                                                          Passive cycle rate data
                          Predelay:
                                                      1.50
             Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                    64.00
                                                                                                                                                                                                                                                                                                              Mass QC Tests
                                                                                                                                                                                                          Cycle
                                                                                                                                                                                                                             Singles
                                                                                                                                                                                                                                                       Doubles |
                                                                                                                                                                                                                                                                                Triples
                                                64. 00
1720
50. 0000
0. 1620
                                                                                                                                                                                                                            4345. 916
4341. 763
4349. 185
4325. 534
                                                                                                                                                                                                                                                        89. 952
79. 836
93. 858
81. 889
                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                         Pass
Pass
Pass
Pass
 Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                        90. 770
69. 104
80. 855
88. 967
80. 922
90. 686
                                                    86, 5000
                                                                                                                                                                                                                            4342, 330
                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                                                                         Pass
                                                                                                                                                                                                               5
6
7
                                                     0.3458
                                                                                                                                                                                                                            4350 436
                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                                            0.000
                                                                                                                                                                                                                                                                                                                         Pass
                                                                                                                                                                                                                                                                                   0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                     0.0299
                                                                                                                                                                                                                            4353 138
                                                                                                                                                                                                                                                                                                                         Pass
Pass
                                                     0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                            4336. 942
4356. 090
4342. 947
                                                                                                                                                                                                                                                                                                                          Pass
 Normalization constant:
                                                     1.0000 +-
                                                                             0.0000
  Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                     0.000 +-
0.000 +-
                                                                              (1)
                                                                                                                                                                                                                                                                                         (2)
```

202003_AFAS-P Collar_Position8.txt 202003_AFAS-P Collar_Position8.txt INCC 5. 1. 2 Passive triples bkgrnd: 0.000 +-0.000 0. 000 0. 000 Facility: Material balance area: Detector type: JMOX JM2G AFAS Number passive cycles JSR 03 Detector id: Count time (sec) 60 Detector id:
Electronics id:
Inventory change code:
I/O code:
Measurement date:
Results file name: JSR-12 Passive error messages 20. 03. 03 11:30:48 033L3048. VER No passive calibration curve calibration No known alpha calibration Inspection number:
Inspection number:
Item id:
Stratum id:
Material type:
Original declared mass: PC8 202003 Results XXXX Pu 0. 000 6. 835 19. 390 0. 000 0. 641 Singles: Doubles: 37857. 946 +-6509. 604 +-Measurement option:
Data source:
QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment: Verification Review disk file Triples 0.000 +-308.557 +-Scaler 2 0.000 0.000 Sample method Measured Passive cycle raw data Passive comment Cvcle Singles R+A Scaler1 Scaler2 QC Tests 0 Pass 5849383 5460208 2262775 18349 Pass Pass Pass Pass Pass Isotopics id: Isotopics source code: Pu238: Default OD 0.0000 +-0.0000 +-2265127 2266451 2263119 2264791 5854424 5867033 5847017 5852089 5473290 5477869 5466155 5468854 18451 18530 18622 18419 0.0000 0.0000 0.0000 +-0.0000 +-100.0000 +-0.0000 0.0000 Pu239 Pu240: 100.0000 +-0.0000 0.0000 0.0000 2263914 5850389 5465247 18634 0 Pass Pass Pu241 0.0000 0.0000 0.0000 +-0.0000 +-2263607 5851957 5464494 18363 Pass Pass Pass Pu242 0.0000 0.0000 2261934 5842497 5454221 18718 Pu date: Am241: 00. 01. 01 0. 0000 00. 01. 01 20. 03. 03 0. 0000 20. 03. 03 2264327 2264504 5854836 546544 5851040 0.0000 0.0000 10 18492 Am date: Passive cycle rate data Predelay: 1.50 Gate length: 2nd gate length: High voltage: 64. 00 64. 00 1720 50. 0000 Singles 37836, 474 37875, 932 37898, 144 QC Tests Pass Pass Triples 0.000 0.000 0.000 Cycle Mass 6571. 671 6435. 978 6571. 626 0. 000 0. 000 0. 000 Die away time Pass Efficiency 0. 1620 86. 5000 37842, 245 6431. 310 6471. 443 0.000 0.000 0.000 Pass Efficiency
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction: Pass Pass Pass 37870. 295 0.000 0. 3458 0. 0299 0. 0000 0. 0001 37855. 582 37850. 432 6503. 613 6542. 794 6556. 459 6575. 446 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 0. 000 37822. 366 37862. 511 Pass Pass Triples gate fraction: 0.0001 10 37865, 480 6435, 701 0.000 0.000 Normalization constant: 1.0000 +-0.0000 Passive singles bkgrnd: Passive doubles bkgrnd: 0.000 +-0.000 +-0.000 0.000

```
202003_AFAS-P Collar_Position9.txt
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                           0.000
                                                                                                                                                                                                                                                               Passive triples bkgrnd:
Passive scaler1 bkgrnd:
   Facility: JMOX
Material balance area: JM2G
Detector type: AFAS
Detector id: JSR_03
Electronics id: JSR-12
                                                                                                                                                                                                                                                               Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                 Number passive cycles:
                                                                                                                                                                                                                                                                            Count time (sec)
   Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                            Passive error messages
                                                         20. 03. 03 14:33:37
03303337. VER
                                                                                                                                                                                                                                                            No passive calibration curve calibration
No known alpha calibration
            PC9 202003
                                                                                                                                                                                                                                                             Results
                                                         XXXX
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
                                                        Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                         7230. 945 +-
236. 725 +-
0. 000 +-
1025. 258 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                             3. 923
3. 049
0. 000
0. 458
0. 000
                                                                                                                                                                                                                                                                                                                       Singles:
Doubles:
Triples:
                                                                                                                                                                                                                                                                                                                      Scaler 1:
                                                                                                                                                                                                                                                                                                                     Scaler 2:
         QC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                         On
Sample method
Measured
                                                                                                                                                                                                                                                            Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                 Scaler2 QC Tests
0 Pass
0 Pass
                                                                                                                                                                                                                                                                              Singles
434398
433172
                                                                                                                                                                                                                                                                                                          R+A
215721
213870
                                                                                                                                                                                                                                                                                                                                                          Scaler1
61544
61584
                                                                                                                                                                                                                                                            Cycle
                                                                                                                                                                                                                                                                                                                                  A
201601
200779
                       Isotopics id: Default
                                                        0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
   Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                          214089
214542
214654
215956
                                                                                                                                                                                                                                                                                                                                  200009
199952
200275
201835
                                                                                                                                                                                                                                                                                                                                                                                                      Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                 432904
                                                                                                                                                                                                                                                                                                                                                              61510
                                                                                                                                                                                                                                                                                                                                                                                               0
0
0
0
0
0
0
                                                                                        0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                               0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                             0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                 432914
433345
434641
432386
                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                         213135
215638
215671
214645
                                                                                                                                                                                                                                                                                                                                  199645
200611
200890
200644
                                       Pu241:
                                                                                                                                                                                                                                                                                                                                                              61351
                                       Pu242:
                                                                                                                                                                                                                                                                                 433970
                                                                                                                                                                                                                                                                                                                                                              61419
                                  Pu242:
Pu date:
Am241:
Am date:
                                                         00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                                                                                                                                                                                433983
434143
                                                                                                               20. 03. 03
                                                                                                                                                                                                                                                                                                                                                              61532
                                                                                                               0.0000 +-
20.03.03
                                                                                         0.0000
                                                                                                                                               0.0000
                                                                                                                                                                                                                                                                  10
                                                                                                                                                                                                                                                                                                                                                              61518
                                                                                                                                                                                                                                                            Passive cycle rate data
                Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                               1.50
64.00
                                                                                                                                                                                                                                                            Cycle
                                                                                                                                                                                                                                                                                     Singles
                                                                                                                                                                                                                                                                                                                                                     Triples
                                                                                                                                                                                                                                                                                                                                                                                          Mass QC Tests
                                                                                                                                                                                                                                                                                                                    Doub I es
                                                           64. 00
64. 00
1720
50. 0000
0. 1620
86. 5000
0. 3458
0. 0299
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                    7244. 502
7224. 043
7219. 571
7219. 738
                                                                                                                                                                                                                                                                                                                     235. 924
218. 729
235. 253
243. 775
                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                    7226. 930
7248. 557
                                                                                                                                                                                                                                                                                                                     240. 250
235. 941
                                                                                                                                                                                                                                                                                                                                                         0.000
0.000
                                                                                                                                                                                                                                                                                                                                                                                        0.000
                                                                                                                                                                                                                                                                                                                                                                                                        Pass
                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                    7246. 557
7210. 927
7237. 360
7237. 577
7240. 247
                                                                                                                                                                                                                                                                                                                    225. 395
251. 078
246. 967
233. 935
                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                        0. 000
0. 000
0. 000
0. 000
                                                                  1.0000 +-
 Normalization constant:
                                                                                               0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                  0.000 +-
0.000 +-
                                                                                                 (1)
                                                                                                                                                                                                                                                                                                                                                               (2)
```

	202003_AFAS-P Collar_Po	sition10 txt				20:	2003 AFAS	-P Collar_Pos	ition10.t	xt
INCC 5, 1, 2				Passiv	e triples bkg		0.000 +-	0.000		
Facility:	JMOX			Passive	e scaler1 bkg e scaler2 bkg	grnd:	0.000	0.000		
Material balance area: Detector type:	JM2G AFAS				r passive cyc		10			
Detector id: Electronics id:	JSR_03 JSR-12				Count time (s		60			
Inventory change code: I/O code:	00 00 00 14.50.40				error messag					
Measurement date: Results file name: Inspection number:	20. 03. 03 14:50:42 03305042. VER				ive calibrati n alpha calib		alibratio	on		
Item id: Stratum id:	PC10 202003 XXXX			Results						
Material type: Original declared mass:	Pu 0. 000					Sing Doub		3077. 732 +- 41. 291 +-	- 1.50	
Measurement option: Data source:	Verification Review disk file					Trip Scale	r 1:	0.000 +- 2328.595 +-	- 1.74	17
QC tests: Error calculation: Accidentals method:	On Sample method Measured			Danaiua		Scale	r 2:	0.000 +-	- 0.00	00
Inspector name: Passive comment:	measured			Cycle	cycle raw da Singles	R+A	Α	Scaler1	Scaler2	OC Tests
Isotopics id:	Default			1 2	184542 185102	38610 39303	36467 36485	139737 140210	0	Pass Pass
Isotopics source code: Pu238:	0D 0. 0000 +- 0. 0000	0.0000 +-	0.0000	3 4	184565 184903	39224 39253	36423 36559	139508 138935	0	Pass Pass
Pu239: Pu240:		0.0000 +- 100.0000 +-	0. 0000 0. 0000	5 6	184729 183791	38938 38662	36560 35964	139745 139893		Pass Pass
Pu241: Pu242: Pu date:	0.0000 +- 0.0000 0.0000 +- 0.0000 00.01.01 2	0.0000 +- 0.0000 +- 20.03.03	0. 0000 0. 0000	7 8 9	185022 184251 184947	39038 38835 38743	36870 36373 36701	139748 139648 139930	0 0 0	Pass Pass Pass
Am241: Am date:	0.0000 +- 0.0000	0.0000 +- 20.03.03	0.0000	10	184296	38645	36101	139803	-	Pass
Predelay:	1.50			Passive	cycle rate o	lata				
Gate length: 2nd gate length: High voltage:	64. 00 64. 00 1720			Cycle 1 2	Singles 3076.518 3085.856	Doub I 35. 7 47. 0	55 17	Triples 0.000 0.000	Mass 0. 000 0. 000	QC Tests Pass Pass
Die away time: Efficiency:	50. 0000 0. 1620			3 4	3076. 902 3082. 538	46. 7 44. 9		0. 000 0. 000	0. 000 0. 000	Pass Pass
Multiplicity deadtime: Coefficient A deadtime:	86. 5000 0. 3458			5 6	3079. 636 3063. 995	39. 6 45. 0	14	0. 000 0. 000	0.000	Pass Pass
Coefficient B deadtime: Coefficient C deadtime:	0. 0299 0. 0000			7	3084. 522 3071. 666	36. 1 41. 0	77	0. 000 0. 000	0.000	Pass Pass
Doubles gate fraction: Triples gate fraction:	0. 0001 0. 0001			9 10	3083. 272 3072. 416	34. 0 42. 4		0. 000 0. 000	0. 000 0. 000	Pass Pass
Normalization constant:	1.0000 +- 0.0000									
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000									

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                    0.000 +-
0.000
                                                                                                                                                                                                                                                                                Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                                 0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                    0.000
                                                                                                                                                                                                                                                                                  Number passive cycles:
                                                                                                                                                                                                                                                                                              Count time (sec)
                                                            JSR-12
    Inventory change code:

1/0 code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                             Passive error messages
                                                            20. 03. 03 09:32:15
033J3215. VER
                                                                                                                                                                                                                                                                             No known alpha calibration
              Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                                                                                             Results
                                                            PT1 202003
                                                                                                                                                                                                                                                                                                                                        Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                    37.632 +-
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 221
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                            Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                    0.002 +-
0.000 +-
93.757 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                     0. 013
0. 000
0. 474
0. 000
                                                            Sample method
Measured
                                                                                                                                                                                                                                                                             Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                         Singles
                                                                                                                                                                                                                                                                                                                                                                                Scaler 1
5533
5656
5676
                                                                                                                                                                                                                                                                             Cycle
                                                                                                                                                                                                                                                                                                        2266
2275
                                                                                                                                                                                                                                                                                                                                       6
12
                         Isotopics id:
                                                            Default
                                                            0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                      5462
5625
5599
5716
                                                                                                                                                                                                                                                                                                        2323
                                                                                                                                                                                                                                                                                                                                                                                                                        0
0
0
0
0
0
                                                                                              0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                       0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                      0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                       2219
2262
2243
                                                                                                                                                                                                                                                                                                       2180
2270
2309
                                                                                                                                                                                                                                                                                                                                                                                      5652
5770
5565
                                                                                                                                                                                                                                                                                                                                                                                                                              Pass
Pass
Pass
                                                                                                                                                                                                                                                                                  8
9
10
                                          Pu241:
                                          Pu242:
                                    Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000
00. 01. 01
                                                                                                                       20. 03. 03
0. 0000 +-
20. 03. 03
                                                                                              0.0000
                                                                                                                                                        0.0000
                                                                                                                                                                                                                                                                             Passive cycle rate data
                                                              1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                          Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                       Singles
37, 200
                                                                                                                                                                                                                                                                             Cvcle
                                                                                                                                                                                                                                                                                                                                         Doubles
                                                                                                                                                                                                                                                                                                                                                                                                                Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                           -0. 050
0. 033
0. 083
0. 033
0. 033
                                                                                                                                                                                                                                                                                                          37. 767
37. 917
38. 717
36. 983
                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                            -0. 017
-0. 050
-0. 017
-0. 017
-0. 017
                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                 Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                    6
7
                                                                                                                                                                                                                                                                                                          37. 700
37. 383
                                                                                                                                                                                                                                                                                                          36. 333
37. 833
38. 483
                                                                      1.0000 +-
 Normalization constant:
                                                                                                      0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                        (1)
                                                                                                                                                                                                                                                                                                                                                                                      (2)
```

	202003_AFAS-P Top Fo	ork Position2 tx					20200	3 AFAS-	P Ton Fork	Position2.txt
INCC 5. 1. 2	202000_ALKO 1 TOP TO	71 K_1 031 E10112. EX	<u>.</u>			ve triples bk ve scaler1 bk	grnd: 0.	000 +-	0.000	03111012. 121
Facility: Material balance area: Detector type:	JMOX JM2G AFAS				Passi	ve scaler2 bk	grnd: 0.	10		
Detector id: Electronics id: Inventory change code:	JSR_02 JSR-12					Count time (sec):	60		
I/O code: Measurement date:	20. 03. 03 09:48:19					wn alpha cali	_			
Results file name: Inspection number: Item id:	033J4819. VER PT2 202003				Result	s				
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file On						Single Double Triple Scaler Scaler	s: s: 1:	57. 115 0. 015 0. 000 160. 120 0. 000	← 0. 020 ← 0. 000 ← 0. 429
Error calculation: Accidentals method:	Sample method Measured					e cycle raw d				
Inspector name: Passive comment:					Cycle 1 2	Singles 3346 3466	R+A 17 11	A 12 11	Scaler1 9669 9655	Scaler2 QC Tests 0 Pass 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu239: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default 00	0.0000 +- 0.0000 +- 100.0000 +- 0.0000 +- 0.0000 +- 20.03.03 0.0000 +- 20.03.03	0. 0000 0. 0000 0. 0000 0. 0000 0. 0000		3 4 5 6 7 8 9	3447 3485 3468 3434 3405 3433 3396 3389 e cycle rate	13 13 9 15 15 15 14	10 9 15 12 18 18 10 13	9764 9644 9591 9562 9530 9486 9543 9628	0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Doubles gate fraction:	1. 50 64. 00 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0001				Cycle 1 2 3 4 5 6 7 8 9 10	Singles 55.767 57.767 57.450 58.083 57.800 57.233 56.750 57.217 56.600 56.483	Doubles 0. 083 0. 000 0. 050 0. 067 -0. 100 0. 050 -0. 050 -0. 050 0. 067 0. 033		Triples 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Mass QC Tests 0.000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 +- 0.00 0.000 +- 0.00	00								
Passive doubles bkgrnd:	0.000 + 0.00 (1)	00							(2)	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                       Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                              0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                            0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                        Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                              0.000
                                                                                                                                                                                                                                                                                          Number passive cycles:
                                                                                                                                                                                                                                                                                                      Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                     Passive error messages
                                                              20. 03. 03 10:05:24
033K0524. VER
                                                                                                                                                                                                                                                                                     No known alpha calibration
              Results
                                                              PT3 202003
                                                                                                                                                                                                                                                                                                                                                  Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                            215, 005 +-
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                 0.846
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                              0. 100 +-
0. 000 +-
51. 418 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                 0. 115
0. 000
0. 285
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                     Passive cycle raw data
                                                                                                                                                                                                                                                                                                        Singles
12675
12804
12994
                                                                                                                                                                                                                                                                                                                                         R+A
191
176
188
                                                                                                                                                                                                                                                                                                                                                                                           Scaler 1
3132
2994
3036
                                                                                                                                                                                                                                                                                                                                                                                                                     Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                                                                                                      A
155
189
179
                                                                                                                                                                                                                                                                                     Cycle
                          Isotopics id: Default
                                                              0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                                 3155
3086
3055
3139
                                                                                                                                                                                                                                                                                                                                                                                                                                           Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                               12714
                                                                                                                                                                                                                                                                                                                                              161
167
193
187
201
184
203
                                                                                                                                                                                                                                                                                                                                                                         191
169
170
193
162
190
193
                                                                                                                                                                                                                                                                                                                                                                                                                                    0
0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                              12906
12945
13247
                                                                                                                                                                                                                                                                                                                                                                                                                                          Pass
Pass
Pass
                                                                                                                                                                                                                                                                                           8
9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                              12942
                                                                                                                                                                                                                                                                                                                                                                                                 3122
                                           Pu242:
                                                                                                                                                                                                                                                                                                              12934
12842
                                                                                                                                                                                                                                                                                                                                                                                                  3102
3030
                                     Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                          20. 03. 03
0. 0000 +-
20. 03. 03
                                                                                                 0.0000
                                                                                                                                                            0.0000
                                                                                                                                                                                                                                                                                     Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                    Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                Singles
211.250
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                     Cvcle
                                                                                                                                                                                                                                                                                                                                                   Doubles |
                                                                                                                                                                                                                                                                                                                                                                                                                            Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                                                                                      0. 600
-0. 217
0. 150
-0. 500
-0. 033
0. 383
-0. 100
0. 650
-0. 100
0. 167
                                                                 64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                                213. 400
216. 567
211. 900
215. 100
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                               215. 750
220. 783
215. 700
215. 567
214. 033
                                                                                                                                                                                                                                                                                                                                                                                         0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                            6
7
                                                                        1.0000 +-
                                                                                                         0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                        0.000 +-
0.000 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                 (2)
```

	202003_AFAS-P Top Fork_Position4.txt	202003_AFAS-P Top Fork_Position4.txt
INCC 5. 1. 2	May	Passive triples bkgrnd: 0.000 ← 0.000 Passive scaler1 bkgrnd: 0.000
Facility: Material balance area: Detector type:	JMOX JM2G AFAS	Passive scaler2 bkgrnd: 0.000 Number passive cycles: 10
Detector id: Electronics id: Inventory change code:	JSR_02 JSR-12	Count time (sec): 60 Passive error messages
I/O code: Measurement date: Results file name:	20. 03. 03 10:21:28 033K2128. VER	No known alpha calibration
Inspection number: Item id: Stratum id:	PT4 202003 XXXX	Results Singles: 826.448 ← 1.069
Material type: Original declared mass: Measurement option:	Pu 0.000 Verification	Doubles: 2.468 ← 0.508 Triples: 0.000 ← 0.000 Scaler 1: 42.307 ← 0.338
Data source: QC tests: Error calculation: Accidentals method:	Review disk file On Sample method	$Scaler \ 2: \hspace{1cm} 0.000 \leftarrow \hspace{1cm} 0.000$ Passive cycle raw data
Inspector name: Passive comment:	Measured	Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 49595 2918 2646 2460 0 Pass 2 49756 2801 2621 2629 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	2 49/50 2601 2621 2629 0 Pass 3 49521 2768 2659 2522 0 Pass 4 49788 2730 2604 2607 0 Pass 5 49517 2760 2526 2605 0 Pass 6 49765 2833 2618 2528 0 Pass 7 49577 2792 2759 2434 0 Pass 8 49090 2721 2608 2527 0 Pass 9 49562 2754 2785 2504 0 Pass 10 49698 2785 2555 2568 0 Pass
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0126 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0001	Cycle Singles Doubles Triples Mass QC Tests 1 826,583 4,533 0,000 0,000 Pass 2 829,267 3,000 0,000 0,000 Pass 3 825,350 1,817 0,000 0,000 Pass 4 829,800 2,100 0,000 0,000 Pass 5 825,283 3,900 0,000 0,000 Pass 6 829,417 3,583 0,000 0,000 0,000 Pass 7 826,283 0,550 0,000 0,000 Pass 8 818,167 1,883 0,000 0,000 Pass 9 826,033 -0,517 0,000 0,000 Pass 10 828,300 3,833 0,000 0,000 Pass
Normalization constant: Passive singles bkgrnd:	1.0000 ← 0.0000 0.000 ← 0.000	
Passive doubles bkgrnd:	0.000 +- 0.000 (1)	(2)

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                        Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                              0.000
    Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                         Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                                0.000
                                                                                                                                                                                                                                                                                           Number passive cycles:
                                                                                                                                                                                                                                                                                                       Count time (sec)
                                                              JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                      Passive error messages
                                                              20. 03. 03 10:36:32
033K3632. VER
                                                                                                                                                                                                                                                                                      No known alpha calibration
             Results
                                                              PT5 202003
                                                                                                                                                                                                                                                                                                                                                   Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                           2522, 817 +-
                                                              XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                   1.345
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                              Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                                26. 922 +-
0. 000 +-
45. 293 +-
0. 000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                                   0. 862
0. 000
0. 266
0. 000
                                                              On
Sample method
Measured
                                                                                                                                                                                                                                                                                      Passive cycle raw data
                                                                                                                                                                                                                                                                                                         Singles
151111
151581
151554
                                                                                                                                                                                                                                                                                                                                          R+A
26216
26160
26277
                                                                                                                                                                                                                                                                                                                                                                                            Scaler 1
2681
2787
2755
                                                                                                                                                                                                                                                                                                                                                                                                                      Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                                      Cycle
                                                                                                                                                                                                                                                                                                                                                                     A
24666
24607
24451
                         Isotopics id: Default
                                                              0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
                                                                                                                                                                                                                                                                                                                                                                     24451
24381
24475
24167
24533
24688
24270
24713
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                            151515
151198
151142
151283
                                                                                                                                                                                                                                                                                                                                          26154
25905
26019
26058
                                                                                                                                                                                                                                                                                                                                                                                                  2714
2719
2622
2701
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                                                                                                                                                     0
0
0
0
0
0
                                                                                                 0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                          0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                           0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
                                                                                                                                                                                                                                                                                                                                          26081
25982
26252
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
                                                                                                                                                                                                                                                                                           8
9
10
                                           Pu241:
                                                                                                                                                                                                                                                                                                            151685
                                                                                                                                                                                                                                                                                                                                                                                                   2790
                                                                                                                                                                                                                                                                                                            150976
151645
                                           Pu242:
                                                                                                                                                                                                                                                                                                                                                                                                   2715
2692
                                      Pu242:
Pu date:
Am241:
Am date:
                                                              00. 01. 01
0. 0000 +-
00. 01. 01
                                                                                                                          20. 03. 03
0. 0000 +-
20. 03. 03
                                                                                                  0.0000
                                                                                                                                                             0.0000
                                                                                                                                                                                                                                                                                      Passive cycle rate data
                  Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                                     Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                                  Doubles
25, 833
25, 883
30, 433
29, 550
23, 833
                                                                                                                                                                                                                                                                                                              Singles
2518.517
                                                                      1.50
64.00
                                                                                                                                                                                                                                                                                      Cvcle
                                                                                                                                                                                                                                                                                                                                                                                                                              Mass QC Tests
0.000 Pass
                                                                 64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
0. 0001
                                                                                                                                                                                                                                                                                                               2526. 350
2525. 900
2525. 250
2519. 967
                                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                      25. 650
30. 867
25. 417
23. 217
28. 533
25. 650
                                                                                                                                                                                                                                                                                                                                                                                           0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                             6
7
                                                                                                                                                                                                                                                                                                               2519.033
                                                                                                                                                                                                                                                                                                               2521 383
                                                                                                                                                                                                                                                                                                              2521. 363
2528. 083
2516. 267
2527. 417
                                                                         1.0000 +-
 Normalization constant:
                                                                                                         0.0000
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                         0.000 +-
0.000 +-
                                                                                                           (1)
                                                                                                                                                                                                                                                                                                                                                                                                  (2)
```

	202003_AFAS-P Top Fork_Position6.txt	202003_AFAS-P Top Fork_Position6.txt
INCC 5.1.2	J МОХ	Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id:	JM2G AFAS	Mumber passive cycles: 10 Count time (sec): 60
Electronics id: Inventory change code: I/O code:	JSR-12	Passive error messages
	20. 03. 03 10:51:36 033K5136, VER	No known alpha calibration
Inspection number: Item id:		Results
Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	Pu 0.000 Verification Review disk file	Singles: 32.818 +- 0.284 Doubles: -0.002 +- 0.017 Triples: 0.000 +- 0.000 Scaler 1: 2169.107 +- 2.181 Scaler 2: 0.000 +- 0.000
Error calculation: Accidentals method:	Sample method Measured	Passive cycle raw data
Inspector name: Passive comment:		Cycle Singles R+A A Scaler1 Scaler2 QC Tests 1 2038 4 2 129919 0 Pass 2 1908 5 3 130138 0 Pass
Isotopics id: Isotopics source code: Pu238: Pu240: Pu241: Pu242: Pu date: Am241: Am date:	Default 0D 0.0000 ← 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 100.0000 ← 0.0000 100.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 00.1.01 20.03.03 0.0000 0.0000 ← 0.0000 ← 0.0000 0.0000 ← 0.0000 ← 0.0000	2 1908 5 3 130138 0 Pass 3 1903 6 6 129760 0 Pass 4 2010 5 1 131162 0 Pass 5 1968 6 6 130045 0 Pass 6 1971 3 6 130421 0 Pass 7 2010 5 3 12987 0 Pass 8 2026 3 1 130259 0 Pass 9 1970 3 9 130045 0 Pass 10 1887 1 5 129728 0 Pass Passive cycle rate data
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient Coedatime: Triples gate fraction: Normalization constant:	1.50 64.00 1720 50.0000 0.0126 0.0000 0.0000 0.0000 0.0000 0.0000 0.00001 1.0000 ← 0.0000	Cycle Singles Doubles Triples Mass QC Tests 1 33,967 0.033 0.000 0.000 Pass 2 31,800 0.033 0.000 0.000 Pass 3 31,717 0.000 0.000 0.000 Pass 4 33,500 0.067 0.000 0.000 0.000 Pass 5 32,800 0.000 0.000 0.000 0.000 Pass 6 32,850 -0.050 0.000 0.000 Pass 7 33,500 0.033 0.000 0.000 Pass 8 33,767 0.033 0.000 0.000 Pass 9 32,833 -0.100 0.000 0.000 Pass 10 31,450 -0.067 0.000 0.000 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 +- 0.000 0.000 +- 0.000	

(2)

```
202003_AFAS-P Top Fork_Position7.txt
                                                                                                                                                                                                                                                                                                                                            202003_AFAS-P Top Fork_Position7.txt
                                                                                                                                                                                                                                                                              Passive triples bkgrnd:
Passive scaler1 bkgrnd:
Passive scaler2 bkgrnd:
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                                                                                   0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                                                                                   0.000
                                                                                                                                                                                                                                                                                Number passive cycles:
                                                                                                                                                                                                                                                                                            Count time (sec)
                                                            JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                           Passive error messages
                                                            20. 03. 03 11:07:40
033L0740. VER
                                                                                                                                                                                                                                                                           No known alpha calibration
              Results
                                                            PT7 202003
                                                                                                                                                                                                                                                                                                                                       Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                  29.710 +-
                                                            XXXX
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 222
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                           Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                0.010 +-
0.000 +-
746.767 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                   0. 010
0. 000
1. 147
0. 000
                                                            On
Sample method
Measured
                                                                                                                                                                                                                                                                           Passive cycle raw data
                                                                                                                                                                                                                                                                                              Singles
1840
1811
1776
                                                                                                                                                                                                                                                                                                                                                                              Scaler 1
44825
44864
44825
                                                                                                                                                                                                                                                                                                                                                                                                       Scaler2 QC Tests
0 Pass
0 Pass
0 Pass
                                                                                                                                                                                                                                                                            Cycle
                         Isotopics id:
                                                            Default
                                                            0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                                                                                                  45011
44999
44655
44349
                                                                                                                                                                                                                                                                                                                                                                                                                             Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                                       1723
                                                                                                                                                                                                                                                                                                                                                                                                                      0
0
0
0
0
0
                                                                                             0.0000
0.0000
0.0000
0.0000
0.0000
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0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                       0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                       1852
1775
1735
                                                                                                                                                                                                                                                                                                                                                                                  44940
44580
45012
                                                                                                                                                                                                                                                                                                                                                                                                                            Pass
Pass
Pass
                                                                                                                                                                                                                                                                                 8
9
10
                                          Pu241:
                                                                                                                                                                                                                                                                                                       1781
                                          Pu242:
                                                                                                                                                                                                                                                                                                      1749
1784
                                    Pu date:
Am241:
Am date:
                                                            00. 01. 01
0. 0000
00. 01. 01
                                                                                                                      20. 03. 03
0. 0000 +-
20. 03. 03
                                                                                              0.0000
                                                                                                                                                       0.0000
                                                                                                                                                                                                                                                                           Passive cycle rate data
                                                              1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                        Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                       Doubles
-0. 033
0. 067
-0. 017
0. 033
0. 017
                                                                                                                                                                                                                                                                                                     Singles
30.667
                                                                                                                                                                                                                                                                                                                                                                                                              Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                           Cvcle
                                                                                                                                                                                                                                                                                                        30. 183
29. 600
28. 717
30. 867
                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                           0. 017
0. 000
0. 017
0. 050
-0. 017
-0. 017
                                                                                                                                                                                                                                                                                                                                                                             0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                              0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                               Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                  6
7
                                                                                                                                                                                                                                                                                                        29. 583
28. 917
                                                                                                                                                                                                                                                                                                        29. 683
29. 150
29. 733
                                                                      1.0000 +-
                                                                                                      0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                      0.000 +-
0.000 +-
                                                                                                       (1)
                                                                                                                                                                                                                                                                                                                                                                                    (2)
```

	202003_AFAS-P Top Fork_Position8.txt	202003_AFAS-P Top Fork_Position8.txt
INCC 5.1.2 Facility:		Passive triples bkgrnd: 0.000 + 0.000 Passive scaler1 bkgrnd: 0.000 Passive scaler2 bkgrnd: 0.000
Material balance area: Detector type: Detector id: Electronics id:	AFAS JSR_02	Number passive cycles: 10 Count time (sec): 60
Inventory change code: I/O code:		Passive error messages
Results file name: Inspection number:	20. 03. 03 11:30:46 033L3046. VER	No known alpha calibration Results
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file	Singles: 43.002 ← 0.247 Doubles: 0.032 ← 0.031 Triples: 0.000 ← 0.000 Scaler 1: 218.505 ← 0.706 Scaler 2: 0.000 ← 0.000
Error calculation: Accidentals method: Inspector name:		Passive cycle raw data Cycle Singles R+A A Scaler1 Scaler2 QC Tests
Passive comment: Isotopics id: Isotopics source code: Pu239: Pu240: Pu241: Pu242: Pu date: Am241:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1 2614 9 12 13242 0 Pass 2 2 2589 6 9 13111 0 Pass 3 2515 4 10 13212 0 Pass 4 2636 11 1 12940 0 Pass 5 2563 10 6 12996 0 Pass 6 2498 6 2 13274 0 Pass 7 2638 14 8 13017 0 Pass 8 2602 6 9 13177 0 Pass 9 2583 7 8 13222 0 Pass 10 2563 13 2 12912 0 Pass
Am date: Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient B deadtime: Coefficient Coedatime: Coefficient Coedatime: Triples gate fraction: Triples gate fraction: Normalization constant:	00. 01. 01 20. 03. 03 1. 50 64. 00 64. 00 1720 50. 0000 0. 0126 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 0. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000 1. 0000	Passive cycle rate data Cycle Singles Doubles Triples Mass QC Tests 1 43.567 -0.050 0.000 0.000 Pass 2 43.150 -0.050 0.000 0.000 0.000 Pass 3 41.917 -0.100 0.000 0.000 0.000 Pass 4 43.933 0.167 0.000 0.000 0.000 Pass 5 42.717 0.067 0.000 0.000 0.000 Pass 6 41.633 0.067 0.000 0.000 Pass 7 43.967 0.100 0.000 0.000 Pass 8 43.367 -0.050 0.000 0.000 Pass 9 43.050 -0.017 0.000 0.000 Pass 10 42.717 0.183 0.000 0.000 Pass
Passive singles bkgrnd: Passive doubles bkgrnd:	0.000 ← 0.000 0.000 ← 0.000 0.000 ← 0.000	

```
INCC 5. 1. 2
                                                                                                                                                                                                                                                                                   Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                         0.000 +-
0.000
                                                                                                                                                                                                                                                                                                                                                                                       0.000
   Facility:
Material balance area:
Detector type:
Detector id:
Electronics id:
                                                                                                                                                                                                                                                                                    Passive scaler2 bkgrnd:
                                                                                                                                                                                                                                                                                                                                                         0.000
                                                                                                                                                                                                                                                                                      Number passive cycles:
                                                                                                                                                                                                                                                                                                  Count time (sec)
                                                             JSR-12
    Inventory change code:

I/O code:

Measurement date:
Results file name:
                                                                                                                                                                                                                                                                                 Passive error messages
                                                             20. 03. 03 14:33:34
03303334. VER
                                                                                                                                                                                                                                                                                 No known alpha calibration
              Results
                                                             PT9 202003
                                                                                                                                                                                                                                                                                                                                             Singles:
Doubles:
Triples:
Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                                                                                                                                                                        142, 133 +-
                                                                                                                                                                                                                                                                                                                                                                                                                            0.723
                                                             XXXX
Stratum id:
Material type:
Original declared mass:
Measurement option:
Data source:
OC tests:
Error calculation:
Accidentals method:
Inspector name:
Passive comment:
                                                             Pu
0.000
Verification
Review disk file
On
                                                                                                                                                                                                                                                                                                                                                                                          0.095 +-
0.000 +-
90.155 +-
0.000 +-
                                                                                                                                                                                                                                                                                                                                                                                                                            0. 062
0. 000
0. 416
0. 000
                                                             On
Sample method
Measured
                                                                                                                                                                                                                                                                                 Passive cycle raw data
                                                                                                                                                                                                                                                                                                                                                                                                               R+A
80
73
83
94
86
78
84
86
69
87
                                                                                                                                                                                                                                                                                                   Singles
8608
                                                                                                                                                                                                                                                                                                                                                                                     Scaler 1
5430
5362
5279
                                                                                                                                                                                                                                                                                 Cycle
                                                                                                                                                                                                                                                                                                                                                                      83
60
70
88
85
74
79
66
75
                                                                                                                                                                                                                                                                                                            8601
                         Isotopics id: Default
                                                                                                                                                                                                                                                                                                            8269
                                                             0D 0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
0.0000 +-
    Isotopics source code:
Pu238:
Pu239:
Pu240:
                                                                                                                                                                                                                                                                                                            8453
                                                                                                                                                                                                                                                                                                                                                                                           5420
5341
5398
5432
5386
5473
5572
                                                                                                                                                                                                                                                                                                                                                                                                                              0
0
0
0
0
0
                                                                                               0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                        0.0000 +-
0.0000 +-
100.0000 +-
0.0000 +-
                                                                                                                                                          0.0000
0.0000
0.0000
0.0000
0.0000
                                                                                                                                                                                                                                                                                                           8540
8488
8734
                                                                                                                                                                                                                                                                                                                                                                                                                                    Pass
Pass
Pass
                                                                                                                                                                                                                                                                                       8
9
10
                                           Pu241:
                                           Pu242:
                                     Pu date:
Am241:
Am date:
                                                             00. 01. 01
0. 0000
00. 01. 01
                                                                                                                        20. 03. 03
0. 0000 +-
20. 03. 03
                                                                                                0.0000
                                                                                                                                                          0.0000
                                                                                                                                                                                                                                                                                 Passive cycle rate data
                                                                1. 50
64. 00
64. 00
1720
50. 0000
0. 0126
0. 0000
0. 0000
0. 0000
0. 0000
0. 0000
0. 0001
                 Predelay:
Gate length:
2nd gate length:
High voltage:
Die away time:
Efficiency:
                                                                                                                                                                                                                                                                                                                                                                               Triples
0.000
0.000
0.000
0.000
0.000
                                                                                                                                                                                                                                                                                                                                             Doubles
-0. 050
-0. 167
0. 383
0. 400
-0. 033
                                                                                                                                                                                                                                                                                                           Singles
143.467
                                                                                                                                                                                                                                                                                                                                                                                                                      Mass QC Tests
0.000 Pass
                                                                                                                                                                                                                                                                                 Cvcle
                                                                                                                                                                                                                                                                                                           143. 467
143. 350
137. 817
140. 883
139. 717
144. 467
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
 Efficiency:
Multiplicity deadtime:
Coefficient A deadtime:
Coefficient B deadtime:
Coefficient C deadtime:
Doubles gate fraction:
Triples gate fraction:
                                                                                                                                                                                                                                                                                                                                                 -0. 033
-0. 117
0. 167
0. 117
0. 050
0. 200
                                                                                                                                                                                                                                                                                                                                                                                    0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                      0. 000
0. 000
0. 000
0. 000
0. 000
                                                                                                                                                                                                                                                                                                                                                                                                                                       Pass
Pass
Pass
Pass
Pass
Pass
                                                                                                                                                                                                                                                                                        6
7
                                                                                                                                                                                                                                                                                                            142. 267
142. 333
141. 467
145. 567
                                                                       1.0000 +-
                                                                                                        0.0000
 Normalization constant:
 Passive singles bkgrnd:
Passive doubles bkgrnd:
                                                                       0.000 +-
0.000 +-
                                                                                                         (1)
                                                                                                                                                                                                                                                                                                                                                                                           (2)
```

	202003_AFAS-P Top Fork_Position10.txt		202003_AFAS-P To	op Fork_Position10.txt
INCC 5.1.2 Facility:	JMOX	Passive triples bkgrnd Passive scaler1 bkgrnd Passive scaler2 bkgrnd	: 0. 000	0. 000
Material balance area: Detector type: Detector id: Electronics id:	AFAS JSR_02	Number passive cycles Count time (sec)		
Inventory change code: I/O code:		Passive error messages		
Measurement date: Results file name: Inspection number:	20. 03. 03. 14:50:38 03305038. VER	No known alpha calibrat Results	ion	
Item id: Stratum id: Material type: Original declared mass: Measurement option: Data source: QC tests:	XXXX Pu 0.000 Verification Review disk file		Singles: Doubles: Triples: Scaler 1: Scaler 2:	86. 122 +- 0. 335 0. 037 +- 0. 044 0. 000 +- 0. 000 73. 787 +- 0. 414 0. 000 +- 0. 000
Error calculation: Accidentals method: Inspector name:	Sample method	Passive cycle raw data Cycle Singles R+A	A A S	caler1 Scaler2 QC Tests
Passive comment: Isotopics id: Isotopics source code: Pu238: Pu239: Pu241: Pu241: Pu date: Am241:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1 5264 2 5094 3 5230 4 5183 5 5074 6 5156 7 5097 8 5214 9 5157 10 5204	40 31 35 26 38 30 40 34 19 37 34 32 34 31 32 32 31 23 31 36	4387
Am date:		Passive cycle rate data		
Predelay: Gate length: 2nd gate length: High voltage: Die away time: Efficiency: Multiplicity deadtime: Coefficient A deadtime: Coefficient C deadtime: Doubles gate fraction: Triples gate fraction:	1.50 64.00 64.00 1720 50.0000 0.0126 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0001	Cycle Singles 1 87.733 2 84.900 3 87.167 4 86.383 5 84.567 6 85.933 7 84.950 8 86.900 9 55.950 10 86.733	0. 150 0. 150 0. 150 0. 150 0. 150 0. 133 0. 100 0. 033 0. 050 0. 050 0. 000 0. 133 0. 050 0. 133 0. 050 0. 133 0. 050 0. 133 0. 050 0. 133 0. 050 0. 133 0. 050 0. 133 0. 050 0. 133 0. 050 0.	ples Mass QC Tests 0.000 0.000 Pass 0.000 Pass 0.000 Pass 0.000 Pass 0.000 0.000 0.000 Pass 0.000 0.000 0.000 Pass 0.000 0.000 Pass 0.000 0.000 0.000 0.000 Pass 0.000 0
Normalization constant: Passive singles bkgrnd: Passive doubles bkgrnd:	1.0000 ← 0.0000 0.000 ← 0.000 0.000 ← 0.000			

【AVIS 性能確認試験】

(1) 3.2 ガンマ線検出器内液体窒素の量の増減による 中性子検出器への影響評価

```
サンプルA_0L. txt
サンプルA_0L.txt
```

```
INCC 5.1.2
   Facility: PPFF
Material balance area: XXXX
                Detector type:
Detector id:
Electronics id:
                                                  AVIS R-123
   Inventory change code:
I/O code:
           Measurement date:
Results file name:
                                                 19.09.20 10:03:55
           Inspection number:
Item id:
Stratum id:
                                                 A
XXXX
         Bias uncertainty:
Random uncertainty:
                                                 0. 0000
0. 0000
Mandom uncertainty:
Relative std deviation:
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
Error calculation:
                                                 0. 0000
0. 0000
                                                 1.000
Verification
                                                 Shift register
On
                                                  Sample method
         Accidentals method:
Inspector name:
               Passive comment:
```

Isotopics id: PU-490020403 Isotopics source code: Pu238: OD 1. 1680 +-1.1179 +-0.0000 0.0000 Pu239 : Pu240 : 63. 2610 +-26. 6430 +-0. 0000 0. 0000 64. 1033 +-26. 9827 +-0. 0000 0. 0000 4. 1840 +-4. 7440 +-Pu241: 0.0000 2. 9880 +-0 0000 Pu242: 4. 8081 +-12. 06. 21 Pu date: 19.09.20 Am241: 3.1000 +-Am date: 11.12.08 4. 4617 +-19. 09. 20 0.0000 0.0000

Predelay: 1. 50 64. 00 Gate length: 64. 00 1740 2nd gate length: High voltage: 30. 0000 Die away time: Efficiency: Multiplicity deadtime: 72, 6000

(1)

Coefficient A deadtime: 0. 2904 Coefficient B deadtime: 0.0211 Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 7930 Triples gate fraction: 0 6225

Normalization constant:

6. 605 +-Passive singles bkgrnd: 0.118 Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: 0. 143 +-0. 149 +-0.069 0.602

1.0000 +-

0.0000

Passive scaler2 bkgrnd: 3.045 Number passive cycles: Count time (sec): 30

Passive messages

Known alpha: failed stratum rejection limits Multiplicity: failed stratum rejection limits

609. 377 +-125. 322 +-0. 959 0. 638 Singles: Doubles: 33. 012 +-5. 673 +-0. 171 +-0. 409 0. 227 Triples: Quads: Quads/Triples: 0.006 Scaler 1: Scaler 2: 0. 466 0. 345 172. 297 +-92. 065 +-

PRIMARY RESULT		
Known alpha results		ļ
Alpha:	0. 859	
Multiplication:	1.000	
Multiplication corrected doubles:	125. 322 +-	0.638
Pu240e mass (g):	0.387 +-	0.002
Pu240e (%):	37. 877	į
Pu mass (g):	1.021 +-	0.005
Declared Pu240e mass (g):	0. 374	į
Declared Pu mass (g):	0. 987	į
Declared - assay Pu mass (g):	-0.034 +-	0.005

(2)

サンプルA OL. txt

Declared - assay Pu mass	(%):	-3. 485 +-	0. 527	
<i>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</i>				

Known alpha calibration parameters

Alpha weight: 1.000000e+000 Rho zero: 4. 707231e-001 2. 166000e+000 0.000000e+000 3. 240449e+002 0. 000000e+000 variance a: variance b: covariance ab: 0.000000e+000 0. 000000e+000 sigma x: 0.000000e+000

Passive multiplicity results

Multiplication: Alpha:	1. 007 +- 1. 389 +-	0. 001 0. 012
Multiplication correction factor:	1. 000	
Pu240e mass (g):	0.368 +-	0.002
Pu240e (%):	37. 877	
Pu mass (g):	0.971 +-	0.005
Declared Pu240e mass (g):	0. 374	
Declared Pu mass (g):	0. 987	
Declared - assay Pu mass (g):	0.015 +-	0.005
Declared - assay Pu mass (%):	1.550 +-	0. 530

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 Spontaneous Tission rate:
1st factorial moment spontaneous fission:
2nd factorial moment spontaneous fission:
3rd factorial moment spontaneous fission:
1st factorial moment induced fission:
2nd factorial moment induced fission:
3rd factorial moment induced fission: 2. 154000e+000 3. 789000e+000 5. 211000e+000 3. 163000e+000 8 240000e+000 . 732100e+001 . 000000e+000 0. 000000e+000 0. 000000e+000 c: sigma x: 0.000000e+000 alpha weight: efficiency correction factor:

1.000000e+000

(3)

Passive cycle rate data

サンプルA OL txt

, , , , , , , , , , , , , , , , , , ,						
Cycle	Singles	Doub I es	Triples	Mass	QC Tests	
1	604. 289	122. 412	30. 300	0.373	Pass	
2	610. 689	121. 178	31.099	0.361	Pass	
3	608. 022	122. 412	33. 387	0.351	Pass	
4	612. 356	128. 313	35.890	0.362	Pass	
5	607. 789	129. 046	33. 264	0.384	Pass	
6	606. 822	128. 413	35. 385	0.366	Pass	
7	620. 024	125. 013	32. 557	0.370	Pass	
8	603. 389	123. 545	33. 453	0.356	Pass	
9	599. 488	123. 112	30. 931	0.372	Pass	
10	599. 355	119. 244	30. 125	0.359	Pass	
11	611. 956	128. 580	33.948	0.377	Pass	
12	609. 456	127. 513	33. 281	0.377	Pass	
13	609. 023	129. 980	36. 513	0.366	Pass	
14	604. 655	126. 279	32. 759	0.374	Pass	
15	617. 423	124. 213	33. 784	0.357	Pass	
16	609.089	125. 346	31.047	0.382	Pass	
17	602. 322	123. 679	35. 604	0.342	Pass	
18	615. 890	126. 113	34. 678	0.360	Pass	
19	601. 255	118. 544	29. 537	0.360	Pass	
20	612. 856	124. 046	34. 077	0.354	Pass	
21	610. 723	122. 612	29. 195	0.383	Pass	
22	613. 656	126. 646	34.098	0.367	Pass	
23	610. 189	132. 180	35. 169	0.386	Pass	
24	614. 756	129. 980	34.090	0.383	Pass	
25	605. 289	124. 112	31.628	0.372	Pass	
26	610. 689	127. 680	35.069	0.365	Pass	
27	608. 422	130. 747	35. 471	0. 377	Pass	
28	613. 723	122. 012	29. 821	0.375	Pass	
29	614. 156	120. 578	29. 740	0.369	Pass	
30	613. 556	126. 146	34. 450	0.362	Pass	

サンプルA_10L.txt サンプルA_10L.txt

INCC 5.1.2

Facility: Material balance area: Detector type: Detector id:

AVIS R-123 Electronics id:

Inventory change code:

Measurement date: Results file name: 19.09.20 10:33:27

Inspection number: Item id: Stratum id: A 10L XXXX

Material type: Original declared mass: 0.000 Measurement option: Data source: QC tests: Verification Shift register

0n

Error calculation: Accidentals method: Sample method Measured JAEA

Inspector name: Passive comment:

Isotopics id: PU-490020403

Isotopics source code: OD 1. 1179 +-64. 1033 +-26. 9827 +-1 1680 +-Pu238: 0.0000 63. 2610 +-26. 6430 +-Pu239 0. 0000 0.0000 Pu240: Pu241: Pu242: 4. 1840 +-4. 7440 +-0. 0000 0. 0000 2. 9880 +-4. 8081 +-

0.0000 Pu date: Am241: 12. 06. 21 3. 1000 +-19.09.20 0.0000 4. 4617 +-0.0000 Am date: 11, 12, 08 19 09 20

0.0000

0. 0000

0.0000

0.0000

Prede lav 1.50 Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: Efficiency: 1740

0.6750 Multiplicity deadtime: Coefficient A deadtime: 72. 6000 0. 2904 Coefficient B deadtime: Coefficient C deadtime: 0 0211 Doubles gate fraction: 0.7930

サンプルA 10L txt

(1)

0.00000e+000 3. 240449e+002 0. 000000e+000 0. 000000e+000 variance b: 0. 000000e+000 0. 000000e+000

Passive multiplicity results

1. 007 +-1. 367 +-Multiplication: 0.001 Alpha: Multiplication correction factor: Pu240e mass (g): 0.013 1 000 0. 372 +-0.003 Pu240e (%) 37 877 0.007

sigma x:

Passive multiplicity calibration parameters

Spontaneous fission rate: 4 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 154000e+000 3. 789000e+000 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 5. 211000e+000 3. 163000e+000 2nd factorial moment induced fission: 3rd factorial moment induced fission: 8 240000e+000

1. 732100e+001 1. 000000e+000 0. 000000e+000 0. 000000e+000 sigma x:

0. 000000e+000 0. 000000e+000 alpha weight: efficiency correction factor: 1.000000e+000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	614. 790	124. 346	31.440	0.374	Pass
2	611. 556	125. 746	33. 621	0.366	Pass
3	607. 356	124. 312	34. 708	0.351	Pass
4	619. 523	132. 848	32.848	0.406	Pass
5	604. 455	123. 945	31.334	0.373	Pass
6	613. 523	130.880	39.654	0.349	Pass
7	607. 856	122.779	31.755	0.365	Pass
8	605. 856	128.380	34. 925	0.369	Pass
9	610.056	127. 313	34.809	0.365	Pass
10	607. 989	123. 312	30. 531	0.376	Pass
11	615 190	124 513	31 272	0.377	Pass

(3)

0. 6225

1.0000 +-

0.0000

Triples gate fraction:

6 605 +-Passive singles bkgrnd: 0 118 0. 143 +-0. 149 +-Passive doubles bkgrnd: Passive triples bkgrnd: 0.110 0.602

3. 045 Passive scaler2 bkgrnd:

Normalization constant:

Number passive cycles: Count time (sec): 30

Passive messages

Known alpha: passed stratum rejection limits

Multiplicity: passed stratum rejection limits

Results

30

605, 922

Singles: 610.639 + 126. 572 +-33. 256 +-5. 625 +-Doubles: Triples: 0.784 0.343 Quads: 0. 167 +-172. 264 +-Quads/Triples: 0.008

0.488 Scaler 1: Scaler 2: 92.137 +-0.296

PRIMARY RESULT Known alpha results Alpha: 0.859 Multiplication: 0. 784 Multiplication corrected doubles: 126.572 +-Pu240e mass (g): Pu240e (%): 0. 391 +-37. 877 0.002

Pu mass (g) 1 031 +-0 006

Known alpha calibration parameters

Alpha weight: 1 000000e+000 Rho zero: 4. 707231e-001 2. 166000e+000

(2)

サンプルA_10L.txt

33 221

0.364 Pass

129.846 0.373 35.366 Pass 13 14 15 619. 057 607. 089 131. 847 126. 679 33, 636 0.395 35. 280 0.359 Pass 611.589 128. 113 35, 531 0.364 Pass 605. 656 605. 989 120. 778 123. 079 29. 664 31. 319 0. 370 0. 369 16 17 Pass Pass 29. 148 31. 353 31. 812 31. 966 30. 909 613. 223 604. 789 614. 390 120. 745 126. 112 127. 013 0.374 Pass 18 19 20 21 22 23 24 25 26 27 Pass 0.385 Pass 603. 722 610. 023 120. 845 122. 012 0. 354 0. 367 Pass Pass 613.323 129. 947 138. 582 32. 685 37. 469 0.393 Pass 624. 857 0.401 Pass 134. 081 127. 846 37. 161 32. 811 623.924 0.381 Pass 0.382 123.912 34, 127 603.855 0.353 Pass 28 29 608. 923 603. 255 129. 680 122. 745 35. 566 31. 749 0. 371 0. 364 Pass Pass

124, 912

サンプルA_20L.txt サンプルA_20L.txt

INCC 5.1.2

Facility: Material balance area:

Detector type: Detector id: AVIS R-123 Electronics id:

Inventory change code:

Measurement date: Results file name: 19.09.20 11:02:08

Inspection number: Item id: Stratum id: A 20L XXXX Material type: Original declared mass: 0.000

Measurement option: Data source: QC tests: Verification Shift register 0n

Error calculation: Accidentals method: Sample method Measured Inspector name: Passive comment: JAEA

Isotopics id: PU-490020403

Isotopics source code: OD 1. 1179 +-64. 1033 +-26. 9827 +-1 1680 +-Pu238: 0.0000 0.0000 63. 2610 +-26. 6430 +-Pu239 0. 0000 0. 0000 0.0000 Pu240: 0.0000 Pu241: Pu242: 4. 1840 +-4. 7440 +-0. 0000 0. 0000 2. 9880 +-4. 8081 +-0.0000 0.0000

Pu date: Am241: 12. 06. 21 3. 1000 +-19.09.20 0.0000 0.0000 Am date: 11, 12, 08 19 09 20

Prede lav 1.50 Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: Efficiency: 1740 0.6750 Multiplicity deadtime: Coefficient A deadtime: 72. 6000 0. 2904 Coefficient B deadtime: 0 0211 Coefficient C deadtime:

Doubles gate fraction:

(1)

0.7930

Passive messages

Triples gate fraction:

Normalization constant:

Passive singles bkgrnd:

Passive doubles bkgrnd:

Passive triples bkgrnd:

Passive scaler2 bkgrnd:

Number passive cycles:

Count time (sec):

Known alpha: passed stratum rejection limits Multiplicity: passed stratum rejection limits

Results

Singles: Doubles: Triples: 126.868 +-0.659 33. 159 +-5. 496 +-Quads: 0.264 0. 164 +-172. 863 +-Quads/Triples: 0.006 0. 426 Scaler 1: Scaler 2: 92. 242 +-0.348

0. 6225

1.0000 +-

6 605 +-

0. 143 +-0. 149 +-

30

0, 602 3. 045 0.0000

0 118

0.110

PRIMARY RESULT Known alpha results 0.859 Multiplication: 0.659 Multiplication corrected doubles: 126.868 +-Pu240e mass (g): Pu240e (%): 0. 392 +-37. 877 0.002 Pu mass (g) 1 034 +-0 005

Known alpha calibration parameters

Alpha weight: 1 000000e+000 Rho zero: 4. 707231e-001 2. 166000e+000

(2)

サンプルA 20L txt

0.00000e+000 3. 240449e+002 0. 000000e+000 0. 000000e+000 variance b: 0. 000000e+000 0. 000000e+000

Passive multiplicity results

1. 006 +-1. 356 +-Multiplication: 0.001 Alpha: Multiplication correction factor: Pu240e mass (g): 0.009 1 000 0. 374 +-0.002 Pu240e (%) 37 877 0.004

sigma x:

Passive multiplicity calibration parameters

Spontaneous fission rate: 4 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 154000e+000 3. 789000e+000 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 5. 211000e+000 3. 163000e+000 2nd factorial moment induced fission: 3rd factorial moment induced fission: 8 240000e+000 1. 732100e+001 1. 000000e+000 0. 000000e+000 0. 000000e+000

c: sigma x: alpha weight: efficiency correction factor: 0. 000000e+000 0. 000000e+000 1.000000e+000

Passive cycle rate data

QC Tests Cycle Singles Doubles Triples Mass 122. 912 124. 713 31. 014 31. 165 0. 371 0. 378 604 755 Pass Pass 613. 290 130.380 35. 314 0.376 Pass 614. 323 605. 489 129. 613 123. 979 35. 610 32. 135 0. 370 0. 368 Pass Pass 610. 389 617. 423 30. 895 35. 237 125.913 0.386 Pass 131. 514 0.382 Pass 606.956 127, 146 34, 302 0.368 Pass 612. 189 130.647 36. 634 0.368 125.946 32, 329 0.376 10 612, 523 Pass 608, 256 125, 779 31, 638 0.380

(3)

サンプルA_20L.txt

30.391 0.370 Pass 618. 823 604. 522 612. 489 13 14 15 132. 581 125. 646 35. 741 0.384 Pass 128.613 35, 783 0.364 Pass 612. 356 618. 557 125. 213 130. 047 32. 692 33. 523 0. 370 0. 387 16 17 Pass Pass 32. 946 28. 711 33. 259 618 323 126, 646 0.375 Pass 18 19 20 21 22 23 24 25 26 27 120. 045 0.374 Pass 618.790 128. 413 0.381 Pass 609. 856 601. 589 127. 480 120. 745 36. 487 29. 541 0. 354 0. 371 Pass 608 689 128.080 31. 783 34. 856 0.390 Pass 603. 989 128. 346 0.370 Pass 32. 574 31. 182 611 389 125.313 0.371 Pass 0.375 603, 789 120, 511 31,669 0.354 Pass 28 29 614. 890 609. 923 131. 647 133. 547 33. 969 36. 826 0. 392 Pass Pass 30 611, 223 128.713 32.974 0 385 Pass

サンプルA_30L.txt サンプルA_30L.txt

INCC 5.1.2

Facility: Material balance area: Detector type: Detector id: AVIS R-123

Electronics id:

Inventory change code: I/O code:

Measurement date: Results file name: 19.09.20 11:30:41

Inspection number: Item id: Stratum id: XXXX

Material type: Original declared mass: 0.000 Measurement option: Data source: QC tests: Verification Shift register

0n

Error calculation: Accidentals method: Sample method Measured JAEA

Inspector name: Passive comment:

Isotopics id: PU-490020403

Isotopics source code: OD 1. 1179 +-64. 1033 +-26. 9827 +-1 1680 +-Pu238: 0.0000 0.0000 63. 2610 +-26. 6430 +-Pu239 0. 0000 0. 0000 0.0000 Pu240: 0.0000 Pu241: Pu242: 4. 1840 +-4. 7440 +-0. 0000 0. 0000 2. 9880 +-4. 8081 +-0.0000

0.0000 Pu date: Am241: 12. 06. 21 3. 1000 +-19.09.20 0.0000 0.0000 Am date: 11, 12, 08 19 09 20

Prede lav 1.50 Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: Efficiency: 1740 0.6750

Multiplicity deadtime: Coefficient A deadtime: 72. 6000 0. 2904 Coefficient B deadtime: Coefficient C deadtime: 0 0211 Doubles gate fraction: 0.7930

(1)

1.0000 +-Normalization constant: 0.0000

0. 6225

6 605 +-Passive singles bkgrnd: 0 118 0. 143 +-0. 149 +-Passive doubles bkgrnd: Passive triples bkgrnd: 0.110

0, 602 Passive scaler2 bkgrnd: 3.045

Triples gate fraction:

Number passive cycles: Count time (sec): 30

Passive messages

Known alpha: passed stratum rejection limits Multiplicity: passed stratum rejection limits

Results

Singles: 610.165 +-Doubles: Triples: 126.193 +-0 770 33. 035 +-5. 313 +-Quads: 0.287 Quads/Triples:

0. 159 +-171. 997 +-0. 007 0. 509 Scaler 1: Scaler 2: 92.067 +-0.354

PRIMARY RESULT Known alpha results 0.859 Multiplication: 0.770 Multiplication corrected doubles: 126. 193 +-Pu240e mass (g): Pu240e (%): 0. 389 +-37. 877 0.002

Pu mass (g) 1 028 +-0 006

Known alpha calibration parameters

Alpha weight: 1 000000e+000 Rho zero:

4. 707231e-001 2. 166000e+000

(2)

サンプルA 30L txt

0.00000e+000 3. 240449e+002 0. 000000e+000 0. 000000e+000 variance b:

0. 000000e+000 0. 000000e+000 sigma x:

Passive multiplicity results

1. 006 +-1. 367 +-Multiplication: 0.001 Alpha: Multiplication correction factor: Pu240e mass (g): 0.012 1 000 0. 372 +-0.002 Pu240e (%) 37 877 0.006

Passive multiplicity calibration parameters

Spontaneous fission rate: 4 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 154000e+000 3. 789000e+000 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 5. 211000e+000 3. 163000e+000 2nd factorial moment induced fission: 3rd factorial moment induced fission: 8 240000e+000 1. 732100e+001 1. 000000e+000

0. 000000e+000 0. 000000e+000 c: 0. 000000e+000 0. 000000e+000

sigma x: alpha weight: efficiency correction factor: 1.000000e+000

Passive cycle rate data

QC Tests Cycle Singles Doubles Triples Mass 120. 878 123. 412 30. 755 30. 627 0. 363 0. 376 604 489 Pass 606. 922 Pass 136, 982 39. 125 37. 562 29. 486 618.623 0.382 Pass 605. 956 623. 224 127. 979 125. 646 0. 349 0. 395 Pass Pass 612. 056 615. 790 127. 146 131. 714 0. 373 0. 393 33, 532 Pass 33. 914 Pass 32.090 610.323 124, 279 0.369 Pass 608. 956 122. 012 29. 533 0. 377 31, 137 0.374 10 601, 255 123.812 Pass 606 689 124 446 32, 728 0.366

(3)

サンプルA_30L.txt

128.746 607. 422 33.820 0.379 Pass 13 14 15 608. 289 128. 080 127. 446 35. 781 0.362 Pass 606. 756 124, 412 33.020 0.363 Pass 611. 656 616. 123 127. 080 128. 047 33. 940 31. 170 0. 370 0. 395 16 17 Pass Pass 616.023 128. 180 127. 180 32, 495 0.386 Pass 18 19 20 21 22 23 24 25 26 27 0. 387 Pass 607, 422 125, 346 33.887 0.362 Pass 602. 489 611. 423 116. 444 124. 646 30. 268 31. 281 0. 344 0. 377 Pass 600 455 122. 845 122. 312 33 742 0.351 Pass 607. 422 28. 143 0.389 Pass 33. 919 31. 230 605 422 125 279 0.361 Pass 0.352 35, 083 619, 890 128, 913 0.371 Pass 28 29 612. 323 615. 956 127. 446 132. 114 32. 579 36. 667 0. 381 0. 375 Pass Pass 30 614, 156 133, 581 37, 131 0.379 Pass

サンプルA_40L. txt サンプルA_40L. txt

INCC 5.1.2

Facility: PPFF
Material balance area: XXXX
Detector type:
Detector id: AVIS R-123
Electronics id:
Inventory change code:
I/O code:

Stratum id: XXXX
Material type: Pu
Original declared mass: 0.000
Measurement option: Verification
Data source: Shift register
0C tests: On

Accidentals method: Measured
Inspector name: JAEA
Passive comment:

Isotopics id: PU-490020403

Isotopics source code: OD 1. 1179 +-64. 1033 +-26. 9827 +-1 1680 +-Pu238: 0.0000 0.0000 63. 2610 +-26. 6430 +-Pu239 0. 0000 0. 0000 0.0000 Pu240: 0.0000 Pu241: Pu242: 4. 1840 +-4. 7440 +-0. 0000 0. 0000 2. 9880 +-4. 8081 +-0.0000 0.0000 Pu date: Am241: 12. 06. 21 3. 1000 +-19.09.20 0.0000 0.0000

19 09 20

11, 12, 08

Am date:

(1)

サンプルA_40L.txt

a: 0.00000e+000 b: 3.240449e+002 variance a: 0.00000e+000 variance b: 0.00000e+000 covariance ab: 0.00000e+000 sigma x: 0.00000e+000

Passive multiplicity results

 Multiplication:
 1.006 ←
 0.001

 Alpha:
 1.367 ←
 0.011

 Multiplication correction factor:
 1.000

 Pu240e mass (g):
 0.372 ←
 0.002

 Pu240e (%):
 37.877

 Pu mass (g):
 0.983 ←
 0.006

Passive multiplicity calibration parameters

Passive cycle rate data

QC Tests Cycle Singles Doubles Triples Mass 33. 400 28. 635 0. 408 0. 384 624 024 134, 181 Pass 121. 912 Pass 29.841 605.956 120.812 0.369 Pass 611. 023 610. 389 125. 946 122. 612 31. 417 31. 150 0. 383 0. 368 Pass 30. 253 32. 343 30. 864 606. 322 119.745 0.361 Pass 125. 413 120. 779 0.373 Pass 616, 790 0.361 Pass 610. 889 128. 446 35. 578 0.365 612, 556 123.312 10 30, 897 0.373 Pass 610, 623 130, 480 35, 756 0.374 Pass

(3)

Triples gate fraction: 0.6225

 Normalization constant:
 1.0000 →
 0.0000

 Passive singles bkgrnd:
 6.605 →
 0.118

 Passive doubles bkgrnd:
 0.143 →
 0.069

 Passive triples bkgrnd:
 0.149 →
 0.110

 Passive scaler1 bkgrnd:
 0.602

Passive scaler2 bkgrnd: 3.045

Number passive cycles: 31 Count time (sec): 30

Passive messages

Known alpha: passed stratum rejection limits Multiplicity: passed stratum rejection limits

Results

 Singles:
 610.163 + 0.851

 Doubles:
 125.838 + 0.688

 Triples:
 32.770 + 0.412

 Quads:
 5.255 + 0.171

 Quads/Triples:
 0.160 + 0.004

 Scaler 1:
 172.912 + 0.375

 Scaler 2:
 91.999 + 0.347

Known alpha calibration parameters

Alpha weight: 1.000000e+000 Rho zero: 4.707231e-001 k: 2.166000e+000

(2)

サンプルA 40L txt

126.079 0.362 Pass 33. 340 35. 342 33. 183 13 14 15 618. 090 611. 656 129. 847 131. 747 0.388 Pass 612, 289 126, 779 0.374 Pass 612. 456 613. 990 33. 458 34. 493 0. 371 0. 377 16 17 126. 679 Pass 129.313 Pass 611. 756 128. 513 35 570 0.365 Pass 18 19 20 21 22 23 24 25 26 27 126. 713 36. 492 Pass 608.822 33, 560 128. 513 0.380 Pass 604. 455 607. 122 123. 112 124. 912 125. 779 30. 261 32. 477 0. 377 0. 370 Pass Pass 612, 289 31. 122 33. 149 0.384 Pass 603. 489 123. 512 0. 358 Pass 30. 746 34. 690 601, 755 118 344 0 350 Pass 127. 680 124. 779 33, 768 605, 156 0.360 Pass 28 29 602. 922 611. 389 127. 713 128. 846 35. 146 34. 426 0. 365 0. 375 Pass Pass 30 609 423 119 445 27 981 0 376 Pass

サンプルA_50L.txt サンプルA_50L.txt

INCC 5.1.2

Facility: Material balance area:

Detector type: Detector id: AVIS R-123 Electronics id:

Inventory change code:

Measurement date: Results file name: 19.09.20 14:10:21

Inspection number: Item id: Stratum id: XXXX Material type: Original declared mass: 0.000

Measurement option: Data source: QC tests: Verification Shift register 0n

Error calculation: Accidentals method: Sample method Measured Inspector name: Passive comment: JAEA

Isotopics id: PU-490020403 Isotopics source code:

OD 1. 1179 +-64. 1033 +-26. 9827 +-1 1680 +-Pu238: 0.0000 0.0000 63. 2610 +-26. 6430 +-Pu239 0. 0000 0. 0000 0.0000 Pu240: 0.0000 Pu241: Pu242: 4. 1840 +-4. 7440 +-0. 0000 0. 0000 2. 9880 +-4. 8081 +-0.0000 0.0000

Pu date: Am241: 12. 06. 21 3. 1000 +-19.09.20 0.0000 0.0000 Am date: 11, 12, 08 19 09 20

Prede lav 1.50 Gate length: 2nd gate length: 64. 00 64. 00 High voltage: Die away time: Efficiency: 1740 0.6750 Multiplicity deadtime: Coefficient A deadtime: 72. 6000 0. 2904 Coefficient B deadtime: 0 0211 Coefficient C deadtime: Doubles gate fraction: 0.7930

(1)

サンプルA 50L txt

0.00000e+000 3. 240449e+002 0. 000000e+000 0. 000000e+000 variance b:

0. 000000e+000 0. 000000e+000 sigma x:

Passive multiplicity results

1. 006 +-1. 370 +-Multiplication: 0.001 Alpha: Multiplication correction factor: Pu240e mass (g): 0.010 1 000 0. 371 +-0.002 Pu240e (%) 37 877 0.005

Passive multiplicity calibration parameters

Spontaneous fission rate: 4 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 154000e+000 3. 789000e+000 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 5. 211000e+000 3. 163000e+000 2nd factorial moment induced fission: 3rd factorial moment induced fission: 8 240000e+000 1. 732100e+001 1. 000000e+000

0. 000000e+000 0. 000000e+000 c: sigma x: alpha weight: efficiency correction factor: 0. 000000e+000 0. 000000e+000

1.000000e+000

Passive cycle rate data

QC Tests Cycle Singles Doubles Triples Mass 30. 436 29. 355 37. 655 122. 345 124. 212 0. 372 0. 389 607 556 Pass Pass 612, 156 132, 147 0.369 Pass 610. 723 613. 123 128. 646 126. 913 36. 326 33. 912 0. 361 0. 369 Pass Pass 31. 644 28. 612 32. 266 601. 889 611. 456 119 911 0.351 Pass 125. 012 0.399 Pass 610. 789 123.345 0.364 Pass 612. 223 130.814 36. 347 0.371 30, 592 10 607, 756 121.745 0.368 Pass 606, 489 124, 979 30, 334 0.386

(3)

0. 6225 Triples gate fraction:

1.0000 +-Normalization constant: 0.0000

6 605 +-Passive singles bkgrnd: 0 118 0. 143 +-0. 149 +-Passive doubles bkgrnd: Passive triples bkgrnd: 0.110 0 602

Passive scaler2 bkgrnd: 3.045

Number passive cycles: Count time (sec): 30

Passive messages

Known alpha: passed stratum rejection limits

Multiplicity: passed stratum rejection limits

Results

30

608, 956

Singles: 609.325 +-125. 199 +-32. 459 +-5. 250 +-Doubles: Triples: 0.683 Quads: 0.271 Quads/Triples:

0. 160 +-171. 615 +-0. 006 0. 472 Scaler 1: Scaler 2: 92.389 +-0.361

1 020 +-

0 006

PRIMARY RESULT Known alpha results 0.859 Multiplication: 0.683 Multiplication corrected doubles: 125. 199 +-Pu240e mass (g): Pu240e (%): 0. 386 +-37. 877 0.002

Pu mass (g)

Known alpha calibration parameters

Alpha weight: 1 000000e+000 Rho zero:

4. 707231e-001 2. 166000e+000

(2)

サンプルA_50L.txt

28.513

0.377 Pass

30.851 609.023 0.382 Pass 13 14 15 609. 156 608. 956 123. 312 122. 779 30. 712 31. 257 0. 375 0. 368 Pass 613.956 125, 579 32, 435 0.373 Pass 618. 257 611. 056 132. 247 127. 046 38. 733 32. 017 0. 362 0. 384 16 17 Pass Pass 612, 156 124, 979 33, 263 0.364 Pass 18 19 20 21 22 23 24 25 26 27 123. 312 124. 412 Pass 606.022 30.854 0.379 Pass 611. 989 603. 422 128. 947 131. 247 35. 020 36. 672 0. 371 0. 371 Pass 603. 455 119 344 29. 956 29. 831 0.361 Pass 601. 088 119. 678 0.364 Pass 32. 583 31. 288 608 289 123 212 0.361 Pass 0.365 615, 923 125, 246 31, 135 0.381 Pass 28 29 620 524 131. 247 125. 713 33. 689 35. 369 0. 392 0. 353 Pass Pass 609. 956

120, 478

サンプルB_OL.txt サンプルB_0L. txt

INCC 5.1.2

Facility: Material balance area: Detector type: Detector id: AVIS R-123

Electronics id:

Inventory change code: I/O code:

Measurement date: Results file name: 19.08.21 09:59:34

Inspection number: Item id: Stratum id: B OL XXXX Bias uncertainty: Random uncertainty: 0.0000

Systematic uncertainty:
Relative std deviation:
Material type:
Original declared mass: 0.0000 9.010 Verification

Measurement option: Data source: QC tests: Error calculation: Shift register On Sample method Accidentals method: Inspector name:

Passive comment:

Isotopics id: PU-490020403

Isotopics source code: OD Pu238

1. 1680 +-1.1185 +-0.0000 0.0000 63. 2610 +-26. 6430 +-0. 0000 0. 0000 64. 0951 +-26. 9794 +-0. 0000 0. 0000 Pu239 Pu240 Pu241: 4. 1840 +-4. 7440 +-0.0000 2 9994 +-0.0000 Pu242: 4. 8075 +-Pu date:

12.06.21 19, 08, 21 3. 1000 +-11. 12. 08 4. 4499 +-19. 08. 21 Am241: 0.0000 0.0000 Am date:

1. 50 64. 00 Predelay: Gate length: 64. 00 1740 2nd gate length: High voltage: 30 0000

Die away time: Efficiency: Multiplicity deadtime: 72, 6000

(1)

Coefficient A deadtime: 0. 2904 Coefficient B deadtime: 0.0211 Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 7930 Triples gate fraction: 0 6225

0.0000 Normalization constant: 1.0000 +-

6. 837 +-Passive singles bkgrnd: 0.147 Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: 0 220 +-0.093 0.702

30

Passive scaler2 bkgrnd: 3.027

Passive messages

Number passive cycles: Count time (sec):

Known alpha: failed stratum rejection limits Multiplicity: failed stratum rejection limits

5419. 921 +-1199. 597 +-Singles: 2. 596 2. 707 Doubles: Triples: 343 609 +-2.250 69. 237 +-0. 201 +-Quads: Quads/Triples: 0.005

1. 384 1. 003 1526. 694 +-818. 967 +-Scaler 2:

PRIMARY RESULT . |Known alpha results Multiplication: | Multiplication corrected doubles: 1. 000 1199. 597 +-3.702 +-Pu240e mass (g) 0.008 Pu240e (%) Pu mass (g) 37.875 9. 774 +-0. 022 Declared Pu240e mass (g)
Declared Pu mass (g) 3 367 0. 022 Declared - assay Pu mass (g) -0.883 +-

(2)

サンプルB OL txt

Declared - assay Pu mass (%):

Known alpha calibration parameters

1.000000e+000 Alpha weight: Rho zero: 4. 707231e-001 2. 166000e+000 0.000000e+000 3. 240449e+002 0. 000000e+000 variance a: variance b: covariance ab: 0.000000e+000 0. 000000e+000

sigma x: 0.000000e+000

Passive multiplicity results

Multiplication: 0.001 Alpha: Multiplication correction factor: 1 322 +-0.007 Pu240e mass (g): Pu240e (%): Pu mass (g): 3. 341 +-0.013 37.875 0.034 8.820 Declared Pu240e mass (g):
Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 3 367 0.034 0.071 +-0.798 +-0.382

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 154000e+000 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 240000e+000 000000e+000

0. 000000e+000 0. 000000e+000 sigma x: 0 000000e+000

(3)

alpha weight: efficiency correction factor: 1.000000e+000

Passive cycle rate data

サンプルB OL txt

Doubles Triples QC Tests Cycle Singles 5437. 215 5448. 423 5425. 806 341. 413 337. 178 347. 951 1221. 209 1204. 020 3. 459 3. 404 Pass Pass 1225.078 3.435 Pass 5426. 973 5427. 941 1198. 737 1192. 427 333. 362 333. 603 3. 405 3. 373 Pass Pass 5415 864 1210.118 348.818 3.357 Pass 334. 439 363. 096 341. 534 329. 478 5420. 435 1192. 492 Pass 5425, 272 1227.348 3.346 Pass 5419. 267 5426. 473 1186. 081 1198. 637 3. 289 3. 431 Pass 10 Pass 5380 737 1167 572 336, 467 3.234 Pass 11 12 13 14 15 5427. 340 1189. 623 340. 673 3. 312 Pass 5431 443 1200 174 346, 186 3 326 Pass 1180. 237 1207. 653 327. 188 345. 822 3. 358 5431, 510 3.364 Pass 16 17 5427 407 1211. 224 1199. 532 352. 994 351. 720 3. 334 3. 287 Pass 5408. 492 Pass 355. 939 349. 784 361. 011 18 19 5402, 054 1196 325 3 244 Pass 3. 400 20 5419, 267 1219, 734 3.323 Pass 5413. 196 5425. 105 1203. 106 1187. 185 363. 964 317. 487 3. 224 3. 458 Pass Pass 21 22 23 24 25 341. 568 353. 866 355. 739 5429 342 1205 482 3 382 Pass 5434. 379 5395. 081 3.242 1195, 721 Pass 26 27 5411. 661 5407. 925 1199. 433 1203. 104 346. 261 362. 044 3. 322 3. 236 Pass Pass 1184. 739 1189. 928 337. 161 320. 487 3. 312 3. 450 28 29 5400.052 Pass 5439. 617 Pass 5412, 295 1168.484 330.975 3. 275

サンプルB_10L.txt サンプルB_10L.txt

INCC 5.1.2

Facility: Material balance area: Detector type: Detector id: AVIS R-123 Electronics id:

Inventory change code: I/O code:

Measurement date: Results file name: 19.08.21 10:35:58

Inspection number: Item id: Stratum id:

B 10L XXXX 0.0000 Bias uncertainty: Random uncertainty: Systematic uncertainty:
Relative std deviation:
Material type:
Original declared mass: 0.0000 9. 010 Verification

Measurement option: Data source: QC tests: Error calculation: Shift register On Sample method Accidentals method: Inspector name:

Passive comment:

Isotopics id: PU-490020403

Isotopics source code: OD 1. 1680 +-Pu238

1.1185 +-0.0000 0.0000 63. 2610 +-26. 6430 +-0. 0000 0. 0000 64. 0951 +-26. 9794 +-0. 0000 0. 0000 Pu239 Pu240 Pu241: 4. 1840 +-4. 7440 +-0.0000 2 9994 +-0.0000 Pu242: 4. 8075 +-Pu date: 12.06.21 19, 08, 21 4. 4499 +-19. 08. 21 0.0000 0.0000

3. 1000 +-11. 12. 08 Am241: Am date: 1. 50 64. 00 Predelay:

Gate length: 64. 00 1740 2nd gate length: High voltage: 30 0000 Die away time: Efficiency: Multiplicity deadtime: 72, 6000

(1)

0. 2904

Coefficient A deadtime: Coefficient B deadtime: 0.0211 Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 7930 Triples gate fraction: 0 6225

0.0000 Normalization constant: 1.0000 +-6. 837 +-Passive singles bkgrnd: 0.147 0 220 +-0.093

Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: 0.702 Passive scaler2 bkgrnd: 3.027

Number passive cycles: Count time (sec): 30

Passive messages

Known alpha: failed stratum rejection limits Multiplicity: failed stratum rejection limits

5423. 009 +-1203. 048 +-2. 780 2. 608 Singles: Doubles: 2. 825 3. 320 Triples: 346. 223 +-73. 164 +-0. 210 +-Quads: Quads/Triples: 0.008 1526. 088 +-819. 293 +-0. 938 Scaler 2:

PRIMARY RESULT . |Known alpha results Multiplication: Multiplication corrected doubles: 1. 000 1203. 048 +-

3.713 +-Pu240e mass (g) 0.008 Pu240e (%) Pu mass (g) 37 875 9.802 +-0. 021 Declared Pu240e mass (g)
Declared Pu mass (g) 3 367 0.021

Declared - assay Pu mass (g) -0.911 +-

サンプルB 10L txt

0 000000e+000

Declared - assay Pu mass (%): -10. 251 +-

Known alpha calibration parameters

1.000000e+000 Alpha weight: Rho zero: 4. 707231e-001 2. 166000e+000 0.000000e+000 3. 240449e+002 0. 000000e+000 variance a: variance b: covariance ab: 0.000000e+000 0. 000000e+000

Passive multiplicity results

Multiplication: 0.001 Alpha: Multiplication correction factor: 1 323 +-0.008 Pu240e mass (g): Pu240e (%): Pu mass (g): 3. 340 +-0.015 37.875 8.818 +-0.039 Declared Pu240e mass (g):
Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 3 367 0.039 0.073 +-0.822 +-0.437

sigma x:

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 154000e+000 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 240000e+000 000000e+000 0. 000000e+000 0. 000000e+000

sigma x: 0 000000e+000 alpha weight: efficiency correction factor: 1.000000e+000

(3)

Passive cycle rate data

サンプルB 10L txt

(2)

Doubles QC Tests Cycle Singles Triples Mass 340. 630 358. 517 346. 742 5421. 736 5399. 251 1194, 462 3.336 Pass 3.430 5430, 976 1222, 476 Pass 5418. 300 5436. 114 1192. 090 1199. 909 342. 729 328. 777 3. 310 3. 442 Pass Pass 343. 768 368. 117 357. 549 351. 038 373. 636 5414 730 1205. 210 3.367 Pass 1202. 808 1217. 599 5421. 335 3. 195 Pass 5423. 103 3.335 Pass 5426. 139 5390. 578 1202. 376 1212. 446 1205. 717 3. 304 3. 207 Pass 10 Pass 5433 712 332. 111 327. 505 3 447 Pass 11 12 13 14 15 1199. 277 3. 447 5442. 385 Pass 354. 693 367. 533 356. 915 5439 750 1217 237 3 352 Pass 5421. 135 5437, 515 1228, 655 3.392 Pass 16 17 5424. 771 5417. 933 1209. 754 1187. 550 353. 562 360. 096 3. 323 3. 173 Pass Pass 366. 535 337. 385 339. 265 18 19 5439 250 1210 393 3 241 Pass 1174. 730 1202. 775 5422, 737 3, 385 20 21 22 23 24 25 Pass 5419. 200 5440. 450 1199. 870 1212. 497 337. 977 355. 746 3. 380 3. 322 Pass Pass 320. 249 333. 881 354. 821 5438 082 1175 638 3 382 Pass 1196. 364 1203. 559 5372, 530 3. 287 Pass 26 27 5418. 500 5436. 281 1165. 215 1207. 053 313. 944 335. 948 3. 376 3. 428 Pass Pass 5420. 268 5430. 843 1203. 576 1203. 179 335. 187 326. 727 3. 416 3. 472 28 29 Pass Pass 5413.930 1217.696 365. 142 3. 287

サンプルB_20L.txt

サンプルB_20L.txt INCC 5.1.2 Facility: Material balance area: Detector type: Detector id: AVIS R-123 Electronics id: Inventory change code: I/O code: Measurement date: Results file name: 19 08 21 11:07:31 Inspection number: Item id: Stratum id: B 20L XXXX 0.0000 Bias uncertainty: Random uncertainty: Systematic uncertainty:
Relative std deviation:
Material type:
Original declared mass: 0.0000 9. 010 Verification Measurement option: Shift register On

Data source: QC tests: Error calculation: Sample method Accidentals method: Inspector name: Passive comment:

Isotopics id: PU-490020403 Isotopics source code: OD 1. 1680 +-1.1185 +-0.0000 0.0000 Pu238 63. 2610 +-26. 6430 +-0. 0000 0. 0000 64. 0951 +-26. 9794 +-0. 0000 0. 0000 Pu239 Pu240 Pu241: 4. 1840 +-4. 7440 +-0.0000 2 9994 +-0.0000 Pu242: 4. 8075 +-Pu date: 12.06.21 19, 08, 21 3. 1000 +-11. 12. 08 4. 4499 +-19. 08. 21 Am241: 0.0000 0.0000 Am date:

1. 50 64. 00 Predelay: Gate length: 64. 00 1740 2nd gate length: High voltage: 30 0000 Die away time: Efficiency: Multiplicity deadtime: 72, 6000

(1)

Coefficient A deadtime: 0. 2904 Coefficient B deadtime: 0.0211 Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 7930 Triples gate fraction: 0 6225 0.0000 Normalization constant: 1.0000 +-6. 837 +-Passive singles bkgrnd: 0.147 Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: 0 220 +-0.093 0.702 Passive scaler2 bkgrnd: 3.027 Number passive cycles: Count time (sec): 30

Passive messages

Known alpha: failed stratum rejection limits Multiplicity: failed stratum rejection limits

5426. 207 +-1200. 832 +-Singles: 2. 715 2. 302 Doubles: 2. 674 2. 678 Triples: 347.569 +-71. 997 +-0. 206 +-Quads: Quads/Triples: 0.006 1. 407 0. 990 1527. 693 +-819. 424 +-Scaler 2:

PRIMARY RESULT . |Known alpha results Multiplication: 1. 000 1200. 832 +-Multiplication corrected doubles: 3.706 +-Pu240e mass (g) 0.007 Pu240e (%) Pu mass (g) 37 875 9. 784 +-0.019 Declared Pu240e mass (g)
Declared Pu mass (g) 3 367 0.019 Declared - assay Pu mass (g) -0.893 +-

(2)

サンプルB 20L txt

Declared - assay Pu mass (%): -10.048 +-

Known alpha calibration parameters

1.000000e+000 Alpha weight: Rho zero: 4. 707231e-001 2. 166000e+000 0.000000e+000 3. 240449e+002 0. 000000e+000 variance a: variance b: covariance ab: 0.000000e+000 0. 000000e+000 sigma x: 0.000000e+000

Passive multiplicity results

Multiplication: 0.001 Alpha: Multiplication correction factor: 1 337 +-0.008 Pu240e mass (g): Pu240e (%): Pu mass (g): 3. 320 +-0.013 37. 875 8. 766 +-0.035 Declared Pu240e mass (g):
Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 3 367 0.035 0.125 +-1.410 +-0.390

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 154000e+000 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 240000e+000 000000e+000 0. 000000e+000 0. 000000e+000 sigma x: 0 000000e+000 alpha weight: efficiency correction factor:

1.000000e+000

(3)

Passive cycle rate data

サンプルB 20L txt

Doubles QC Tests Cycle Triples Singles Mass 5423, 470 1201. 941 1199. 742 352. 015 351. 210 3. 296 3. 290 Pass 5436. 014 5437. 949 1200.143 356, 647 3.256 Pass 5424. 705 5418. 133 1208. 051 1211. 688 361. 754 346. 598 3. 261 3. 379 Pass Pass 346, 598 336, 125 355, 434 327, 652 352, 546 358, 358 5417 833 1183 310 3.312 Pass 3. 271 Pass 5427, 974 1169.391 3.301 Pass 5413. 629 5406. 057 1213. 088 1205. 240 3. 347 3. 271 Pass 10 Pass 5444 120 1191 498 318.850 3 469 Pass 11 12 13 14 15 5429. 942 1210. 089 334. 609 3. 451 Pass 345. 049 353. 054 344. 364 1227. 124 1197. 226 5451 659 3 463 Pass 5406, 023 3. 285 1189, 015 Pass 16 17 5446. 889 5425. 272 1206. 156 1186. 985 356. 109 333. 353 3. 288 3. 348 Pass Pass 342. 100 341. 688 370. 846 18 19 5408 025 1203 571 3 370 Pass 5450, 325 3. 244 20 21 22 23 24 25 1216, 941 Pass 5414. 330 5409. 126 1189. 618 1210. 616 347. 570 356. 710 3. 266 3. 308 Pass Pass 366. 943 340. 422 329. 450 5433 378 1216 401 3 268 Pass 5413, 496 1190, 052 3.390 Pass 26 27 5420. 001 5444. 987 1224. 242 1198. 076 385. 971 360. 835 3. 184 3. 218 Pass Pass 5410. 694 5431. 176 1188. 549 1197. 437 340. 316 337. 201 3. 309 3. 373 28 29 Pass Pass 5428. 941 1190.391 323.316 3.433

サンプルB_30L.txt サンプルB_30L.txt

INCC 5.1.2 Facility: Material balance area: Detector type: Detector id: AVIS R-123 Electronics id: Inventory change code: I/O code: Measurement date: Results file name: 19. 08. 21 11:38:18 98LL3818. VER Inspection number: Item id: Stratum id: B 30L XXXX Bias uncertainty: Random uncertainty: 0.0000 Systematic uncertainty:
Relative std deviation:
Material type:
Original declared mass: 0.0000 9. 010 Verification Measurement option: Data source: QC tests: Error calculation: Shift register On Sample method Accidentals method: Inspector name: Passive comment:

Isotopics id: PU-490020403 Isotopics source code: OD 1. 1680 +-1.1185 +-0.0000 0.0000 Pu238 63. 2610 +-26. 6430 +-0. 0000 0. 0000 64. 0951 +-26. 9794 +-0. 0000 0. 0000 Pu239 Pu240 Pu241: 4. 1840 +-4. 7440 +-0.0000 2 9994 +-0.0000 Pu242: 4. 8075 +-Pu date: 12.06.21

19, 08, 21

4. 4499 +-19. 08. 21

0.0000

3. 1000 +-11. 12. 08 Am241: 0.0000 Am date: 1. 50 64. 00 Predelay: Gate length: 2nd gate length:

64. 00 1740 High voltage: 30 0000 Die away time: Efficiency: Multiplicity deadtime: 72, 6000

(1)

Coefficient A deadtime: 0. 2904 Coefficient B deadtime: 0.0211 Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 7930 Triples gate fraction: 0 6225

Normalization constant:

6. 837 +-Passive singles bkgrnd: 0.147 Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: 0 220 +-0.093 0.702

1.0000 +-

Passive scaler2 bkgrnd: 3.027

Number passive cycles: Count time (sec): 30

Passive messages

Known alpha: failed stratum rejection limits Multiplicity: failed stratum rejection limits

5423. 647 +-1202. 137 +-Singles: 3. 163 2. 527 Doubles: 2. 583 2. 391 Triples: 346.956 +-73. 844 +-0. 212 +-Quads: Quads/Triples: 0.006 1523. 846 +-1. 527 821. 141 +-Scaler 2: 1.080

0.0000

PRIMARY RESULT . |Known alpha results Multiplication: Multiplication corrected doubles: 1. 000 1202. 137 +-3. 710 +-Pu240e mass (g) 0.008 Pu240e (%) Pu mass (g) 37.875 9. 795 +-0. 021 Declared Pu240e mass (g)
Declared Pu mass (g) 3 367 0.021 Declared - assay Pu mass (g) -0.904 +-

(2)

サンプルB 30L txt

Declared - assay Pu mass (%): -10.168 +-

Known alpha calibration parameters

1.000000e+000 Alpha weight: Rho zero: 4. 707231e-001 2. 166000e+000 0.000000e+000 3. 240449e+002 0. 000000e+000 variance a: variance b: covariance ab: 0.000000e+000 0. 000000e+000 sigma x: 0.000000e+000

Passive multiplicity results

Multiplication: 0.001 Alpha: Multiplication correction factor: 1 329 +-0.008 Pu240e mass (g): Pu240e (%): Pu mass (g): 3. 330 +-0.014 37. 875 8. 793 +-0.036 Declared Pu240e mass (g):
Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 3 367 0.036 0.098 +-0.409

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 154000e+000 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 240000e+000 000000e+000 0. 000000e+000 0. 000000e+000 sigma x: 0 000000e+000 alpha weight: efficiency correction factor:

1.000000e+000

(3)

Passive cycle rate data

サンプルB 30L txt

Doubles QC Tests Cycle Singles Triples Mass 354. 440 344. 742 347. 411 5442. 052 5399. 318 1223.448 3.383 Pass 1190. 381 1204. 948 Pass 5429.542 3.341 Pass 5427. 407 5459. 899 1210. 389 1234. 873 342. 350 352. 769 3. 401 3. 449 Pass Pass 5411 861 1180 870 333. 065 326. 781 3.321 Pass 3. 394 Pass 351. 513 361. 429 363. 652 346. 716 5427, 207 1205.147 3.315 Pass 5426. 806 5381. 404 1214. 095 1190. 809 3. 293 Pass 10 3.167 Pass 5421 335 1211, 221 3 376 Pass 11 12 13 14 15 5434. 746 1208. 455 355. 122 3. 307 Pass 347. 807 313. 333 362. 402 5431 010 1201 610 3 322 Pass 5432. 744 3. 504 5438, 983 1198, 574 3. 211 Pass 362, 402 328, 512 363, 461 340, 927 369, 399 363, 284 16 17 5404 255 1187. 712 1210. 426 3. 385 3. 261 Pass 5436. 881 Pass 18 19 5421 602 1199. 770 1194. 022 3 359 Pass 5423, 537 20 21 22 23 24 25 1218.300 3.301 Pass 5421. 702 5411. 861 1191. 223 1216. 393 340. 150 348. 338 3. 323 3. 391 Pass Pass 360. 581 346. 224 5448 690 1218 209 3 317 Pass 1205. 582 1212. 564 5428. 808 5441, 752 352, 714 3.342 Pass 26 27 5388. 376 5413. 663 1171. 882 1207. 713 319. 995 355. 926 3. 367 3. 298 Pass Pass 5441. 284 5410. 994 1189. 461 1189. 951 325. 232 336. 335 3. 415 3. 343 28 29 Pass Pass 5429, 208 1198.270 353.901 3. 265

サンプルB_40L.txt サンプルB_40L.txt

INCC 5.1.2

Facility: Material balance area: Detector type: Detector id: AVIS R-123 Electronics id:

Inventory change code: I/O code:

Measurement date: Results file name: 19. 08. 21 14: 21: 50

Inspection number: Item id: Stratum id:

XXXX Bias uncertainty: Random uncertainty: 0.0000 Systematic uncertainty:
Relative std deviation:
Material type:
Original declared mass: 0.0000 9. 010

Verification Measurement option: Data source: QC tests: Error calculation: Shift register On Sample method Accidentals method: Inspector name:

Passive comment:

Isotopics id: PU-490020403

Am241:

Isotopics source code: OD Pu238

1. 1680 +-1.1185 +-0.0000 0.0000 63. 2610 +-26. 6430 +-0. 0000 0. 0000 64. 0951 +-26. 9794 +-0. 0000 0. 0000 Pu239 Pu240 Pu241: 4. 1840 +-4. 7440 +-0.0000 2 9994 +-0.0000 Pu242: 4. 8075 +-Pu date: 12.06.21 19, 08, 21

0.0000

4. 4499 +-19. 08. 21

0.0000

3. 1000 +-11. 12. 08 Am date: 1. 50 64. 00 Predelay: Gate length:

64. 00 1740 2nd gate length: High voltage: 30 0000 Die away time: Efficiency: Multiplicity deadtime: 72, 6000

(1)

Coefficient A deadtime: 0. 2904 Coefficient B deadtime: 0.0211 Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 7930 Triples gate fraction: 0 6225

0.0000 Normalization constant: 1.0000 +-Passive singles bkgrnd: 6. 837 +-0.147 0 220 +-0.093

Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: 0.702 Passive scaler2 bkgrnd: 3.027

Number passive cycles: Count time (sec): 30

Declared - assay Pu mass (g)

Passive messages

Known alpha: failed stratum rejection limits Multiplicity: failed stratum rejection limits

5418. 502 +-1199. 727 +-Singles: 2. 613 3. 330 Doubles: Triples: 345.332 +-3 165 71. 915 +-0. 207 +-Quads: Quads/Triples: 0.007

1526. 108 +-1. 224 818. 357 +-Scaler 2: 1.020

PRIMARY RESULT . |Known alpha results Multiplication: | Multiplication corrected doubles: 1. 000 1199. 727 +-3.702 +-Pu240e mass (g) 0.010 Pu240e (%) Pu mass (g) 37.875 9. 775 +-0. 027 Declared Pu240e mass (g)
Declared Pu mass (g) 3 367

(2)

-0.884 +-

0.027

サンプルB 40L txt

Declared - assay Pu mass (%):

Known alpha calibration parameters

1.000000e+000 Alpha weight: Rho zero: 4. 707231e-001 2. 166000e+000 0.000000e+000 3. 240449e+002 0. 000000e+000 variance a: variance b: covariance ab: 0.000000e+000 0. 000000e+000

sigma x: 0.000000e+000

Passive multiplicity results

Multiplication: 0.001 Alpha: Multiplication correction factor: 1 328 +-0.010 Pu240e mass (g): Pu240e (%): Pu mass (g): 0. 017 3.330 +-37. 875 8. 791 +-0.044 Declared Pu240e mass (g):
Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 3 367 0.044 0.100 +-1.120 +-0.491

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 154000e+000 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 240000e+000 000000e+000 0. 000000e+000 0. 000000e+000

sigma x: 0 000000e+000 alpha weight: efficiency correction factor: 1.000000e+000

(3)

Passive cycle rate data

サンプルB 40L txt

Doubles QC Tests Cycle Singles Triples Mass 348. 963 347. 223 345. 537 5428. 875 5427. 974 1209. 655 1192. 528 3.353 Pass Pass 5430, 276 3.406 1215.899 Pass 5422. 837 5422. 837 1225. 778 1213. 993 344. 499 333. 487 3. 461 3. 478 Pass Pass 363. 421 346. 300 320. 544 5418, 266 1224 208 3.329 Pass 1202. 273 1164. 173 3. 336 Pass 5399.018 3.325 Pass 5422. 603 5389. 110 1218. 634 1165. 539 350. 497 315. 768 3. 387 3. 365 Pass 10 Pass 5415 864 1194, 927 323. 778 325. 125 3 452 Pass 11 12 13 14 15 1210. 789 3.519 5426. 706 Pass 5411 094 1195 460 319 377 3 485 Pass 1195. 837 1197. 129 349. 832 363. 256 5438. 916 5412, 128 3.199 Pass 16 17 5442 219 1232. 529 1219. 372 370. 089 381. 554 3. 325 3. 188 Pass 5433. 845 Pass 381. 819 338. 778 332. 977 18 19 5410 560 1211 585 3 150 Pass 5419, 734 20 21 22 23 24 25 1181, 240 3.323 Pass 5392. 579 5407. 891 1182 066 330. 040 349. 078 3. 348 3. 327 Pass Pass 1204. 306 1221. 406 1177. 329 5426 873 365.381 3 302 Pass 5404. 389 5442. 285 341. 477 325. 917 1177, 943 3.354 Pass 26 27 5396. 049 5432. 911 1187. 976 1196. 402 337. 330 353. 784 3. 327 3. 257 Pass Pass 1180. 233 1211. 923 353. 725 355. 770 28 29 5403. 755 3. 180 Pass 5422. 303 3.320 Pass 5428. 341 1200.006 344. 441 3.337

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サンプルB_50L.txt
                                                                                 サンプルB_50L.txt
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Facility: Material balance area: Detector type: Detector id: AVIS R-123 Electronics id:

Inventory change code: I/O code:

Measurement date: Results file name: 19.08.21 15:00:32

Inspection number: Item id: Stratum id: XXXX

Bias uncertainty: Random uncertainty: 0.0000 Systematic uncertainty:
Relative std deviation:
Material type:
Original declared mass: 0.0000 9. 010

Verification Measurement option: Data source: QC tests: Error calculation: Shift register On Sample method Accidentals method: Inspector name:

Passive comment:

Isotopics id: PU-490020403 Isotopics source code: OD

1. 1680 +-Pu238

1.1185 +-0.0000 0.0000 63. 2610 +-26. 6430 +-0. 0000 0. 0000 64. 0951 +-26. 9794 +-0. 0000 0. 0000 Pu239 Pu240 Pu241: 4. 1840 +-4. 7440 +-0.0000 2 9994 +-0.0000 Pu242: 4. 8075 +-Pu date: 12.06.21 19, 08, 21

0.0000

3. 1000 +-11. 12. 08 4. 4499 +-19. 08. 21 Am241: 0.0000 Am date:

1. 50 64. 00 Predelay: Gate length: 64. 00 1740 2nd gate length: High voltage: 30 0000 Die away time: Efficiency: Multiplicity deadtime: 72, 6000

(1)

Coefficient A deadtime: 0. 2904 Coefficient B deadtime: 0.0211 Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 7930 Triples gate fraction: 0 6225

0.0000 Normalization constant: 1.0000 +-

Passive singles bkgrnd: 6. 837 +-0.147 Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: 0 220 +-0.093 0.702

3.027

Number passive cycles: Count time (sec): 30

Passive scaler2 bkgrnd:

Passive messages

Known alpha: failed stratum rejection limits Multiplicity: failed stratum rejection limits

5419. 895 +-1200. 996 +-3. 289 3. 093 Singles: Doubles: 2. 747 2. 086 Triples: 343 499 +-69. 053 +-0. 200 +-Quads: Quads/Triples: 0.005

1. 396 1. 254 1523. 665 +-819. 850 +-Scaler 2:

PRIMARY RESULT . |Known alpha results Multiplication: 1. 000 1200. 996 +-Multiplication corrected doubles: 3.706 +-Pu240e mass (g) 0.010 Pu240e (%) Pu mass (g) 37.875 0. 025

9. 786 +-Declared Pu240e mass (g)
Declared Pu mass (g) 3 367 0.025 Declared - assay Pu mass (g) -0.895 +-

(2)

サンプルB 50L txt

Declared - assay Pu mass (%): -10.063 +-

Known alpha calibration parameters

1.000000e+000 Alpha weight: Rho zero: 4. 707231e-001 2. 166000e+000 0.000000e+000 3. 240449e+002 0. 000000e+000 variance a: variance b: covariance ab: 0.000000e+000 0. 000000e+000

sigma x: 0 000000e+000

Passive multiplicity results

Multiplication: 0.001 Alpha: Multiplication correction factor: 1 317 +-0.008 Pu240e mass (g): Pu240e (%): Pu mass (g): 3. 348 +-0.013 37.875 8. 840 0.035 Declared Pu240e mass (g):
Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 3 367 0.035 0.051 +-0.397

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 154000e+000 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 240000e+000 000000e+000

0. 000000e+000 0. 000000e+000 sigma x: 0 000000e+000

alpha weight: efficiency correction factor: 1.000000e+000

(3)

Passive cycle rate data

サンプルB 50L txt

QC Tests Cycle Doubles | Triples Singles Mass 5442. 219 5384. 907 1217. 172 1180. 294 349. 013 322. 497 3.389 Pass 3. 391 Pass 5429, 108 1199.439 366, 142 3.191 Pass 5422. 670 5438. 449 1186. 149 1224. 816 341. 453 351. 175 3. 290 3. 412 Pass Pass 342. 188 333. 000 324. 442 371. 456 351. 865 346. 276 5407 858 1198. 330 1194. 596 3.344 Pass 5422. 036 5411. 861 3. 388 Pass 1181.304 3.382 Pass 5417. 466 5464. 803 1230. 584 1217. 513 3. 308 3. 371 Pass 10 Pass 5435 113 1207 587 3 361 Pass 11 12 13 14 15 339. 477 3. 266 5406. 524 1178. 431 Pass 5421, 169 1189 420 315 370 3 483 Pass 329. 062 345. 897 3.374 5406, 424 1209, 480 Pass 16 17 5431. 010 5431. 810 1201. 042 1196. 135 337. 564 344. 109 3. 388 3. 320 Pass Pass 18 19 5449 291 1219 945 348, 853 3 403 Pass 336. 415 324. 773 3. 316 3. 274 5400. 953 5395, 382 1159, 565 20 21 22 23 24 25 Pass 5397. 617 5409. 860 1183. 236 1193. 022 321. 501 336. 790 3. 411 3. 355 Pass Pass 5438 582 1223 514 376 289 3 242 Pass 5422, 870 353, 174 1216, 530 3.359 Pass 26 27 5412. 462 5432. 945 1220. 266 1217. 869 364. 532 330. 824 3. 303 3. 515 Pass Pass 5417. 199 5391. 712 1203. 274 1195. 653 347. 058 362. 435 3. 335 3. 198 28 29 Pass Pass 5409.893 1192, 455 345.867 3. 291

サンプルC_OL.txt サンプルC_OL. txt

INCC 5.1.2 Coefficient A deadtime: 0. 2904 Coefficient B deadtime: 0.0211 Facility: PPFF Material balance area: XXXX Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 7930 Detector type: Detector id: Electronics id: Triples gate fraction: 0 6225 AVIS R-123 1.0000 +-0.0000 Normalization constant: Inventory change code: I/O code: 7. 123 +-Passive singles bkgrnd: 0.113 Measurement date: Results file name: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: 19.11.29 09:55:46 0 042 +-0.012 0.007 +-Inspection number: Item id: Stratum id: 0.668 C OL Passive scaler2 bkgrnd: 3. 362 Bias uncertainty: Random uncertainty: Number passive cycles: Count time (sec): 0.0000 30 Mandom uncertainty:
Relative std deviation:
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
Error calculation: 0.0000 Passive messages 1.090 Verification Known alpha: failed stratum rejection limits Multiplicity: failed stratum rejection limits Shift register On Sample method Accidentals method: Inspector name: 540. 523 +-129. 577 +-Singles: 1. 122 0. 724 Doubles: 36. 238 +-6. 916 +-0. 189 +-Passive comment: Triples: 0.495 Quads: Quads/Triples: Isotopics id: PU-400025106 0.006 Isotopics source code: Pu238: Scaler 1: Scaler 2: 0. 493 0. 389 OD 149. 264 +-84. 874 +-1.0670 +-0.9911 +-0.0000 0.0000 64. 7610 +-25. 1940 +-0. 0000 0. 0000 66. 2312 +-25. 7417 +-0. 0000 0. 0000 Pu239 Pu240 Known alpha results 4. 7090 +-4. 2690 +-Pu241: 0.0000 2.6686 +-0 0000 Pu242: Multiplication: 07. 09. 07 Pu date: 19.11.29 1.011 5. 2012 +-07. 09. 07 7. 3442 +-19. 11. 29 Multiplication corrected doubles: Pu240e mass (g): 121. 145 +-0. 374 +-0. 324 0. 001 Am241: 0.0000 0.0000 Am date: Pu240e mass (g):
Pu mass (g):
Declared Pu240e mass (g): 35 576 1. 50 64. 00 0.003 Gate length: 0.379 Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 64. 00 1740 2nd gate length: 1.065 0.003 0.015 +-High voltage: 30 0000 Die away time: Efficiency: 1.369 +-0.264 Multiplicity deadtime: Known alpha calibration parameters 72, 6000

サンプルC OL. txt

(1)

Alpha weight: 1.000000e+000 Rho zero: 4. 707231e-001 2. 166000e+000 0. 000000e+000 3. 240449e+002 variance a 0.000000e+000 0. 000000e+000 0. 000000e+000 variance b: covariance ab: 0.000000e+000

PRIMARY RESULT Passive multiplicity results Multiplication: 0.001 1. 106 +-0.008 Alpha: | Multiplication correction factor: | Pu240e mass (g): | Pu240e (%): 1 000 0.002 35, 576 Pu mass (g) Declared Pu240e mass (g) 1. 034 +-0. 379 0.005 Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 1 065 0. 031 +-2. 914 +-0.499

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 2. 154000e+000 3. 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 240000e+000 000000e+000 0. 000000e+000 0. 000000e+000 c: sigma x: 0 000000e+000 alpha weight: efficiency correction factor: 1.000000e+000

Passive cycle rate data

サンプルC OL txt

(2)

		-	_		
Cycle	Singles	Doub I es	Triples	Mass	QC Tests
1	547. 099	133. 747	37. 377	0.380	Pass
2	534. 398	123. 011	31.817	0.366	Pass
3	537. 765	128. 245	37. 531	0.353	Pass
4	543. 665	130. 246	35. 671	0.375	Pass
5	534. 798	135. 080	40. 565	0.367	Pass
6	549. 799	135. 680	41.465	0.364	Pass
7	543. 932	131. 646	36. 601	0. 375	Pass
8	542. 299	132. 680	38. 277	0.370	Pass
9	537. 031	126. 878	34. 301	0.368	Pass
10	544. 199	128. 179	35. 156	0.368	Pass
11	536. 465	128. 279	38. 927	0. 345	Pass
12	535. 531	126. 412	36. 543	0.351	Pass
13	536. 065	127. 278	34. 900	0.366	Pass
14	544. 965	127. 345	33. 563	0.375	Pass
15	533. 965	129. 645	37. 853	0. 358	Pass
16	539. 632	137. 113	43. 430	0.359	Pass
17	537. 632	134. 180	38. 512	0. 375	Pass
18	551. 299	130. 113	34. 385	0. 383	Pass
19	546. 032	132. 913	36. 676	0. 381	Pass
20	537. 298	126. 545	33. 944	0.369	Pass
21	533. 698	129. 312	36. 995	0.362	Pass
22	544. 799	125. 445	33. 267	0.368	Pass
23	532. 431	128. 478	34. 269	0.376	Pass
24	547. 499	131. 780	36. 235	0. 378	Pass
25	526. 464	119. 410	31.012	0.354	Pass
26	537. 998	127. 078	36.074	0. 357	Pass
27	540. 332	128. 512	33.864	0.379	Pass
28	552. 333	134. 247	36. 576	0.388	Pass
29	542. 465	125. 378	34. 363	0.360	Pass
30	543. 799	132. 446	36. 997	0. 377	Pass

サンプルC_10L. txt

サンプルC_10L.txt INCC 5.1.2 Coefficient A deadtime: 0. 2904 Coefficient B deadtime: 0.0211 Facility: Material balance area: Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 7930 Detector type: Detector id: Electronics id: Triples gate fraction: 0 6225 AVIS R-123 1.0000 +-0.0000 Normalization constant: Inventory change code: I/O code: 7. 123 +-Passive singles bkgrnd: 0.113 Measurement date: Results file name: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: 19.11.29 10:24:26 0 042 +-0.012 0.007 +-0.003 Inspection number: Item id: Stratum id: 0.668 C 10L XXXX 0.0000 0.0000 Passive scaler2 bkgrnd: 3. 362 Bias uncertainty: Random uncertainty: Number passive cycles: Count time (sec): 30 Mandom uncertainty:
Relative std deviation:
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
Error calculation: 0. 0000 0. 0000 Passive messages 1.090 Verification Known alpha: failed stratum rejection limits Multiplicity: failed stratum rejection limits Shift register On Sample method 541. 063 +-129. 566 +-35. 734 +-6. 715 +-0. 187 +-Accidentals method: Inspector name: 0. 852 0. 558 Singles: Doubles: 0. 375 0. 270 Passive comment: Triples: Quads: Quads/Triples: Isotopics id: PU-400025106 0.006 Isotopics source code: Pu238: Scaler 1: Scaler 2: 149. 331 +-84. 755 +-OD 0. 428 1.0670 +-0.9911 +-0.0000 0.0000 0.305 64. 7610 +-25. 1940 +-0. 0000 0. 0000 66. 2312 +-25. 7417 +-0. 0000 0. 0000 Pu239 Pu240 Known alpha results 4. 7090 +-4. 2690 +-Pu241: 0.0000 2.6686 +-0 0000 Pu242: Multiplication: 07. 09. 07 Pu date: 19.11.29 1.010 5. 2012 +-07. 09. 07 7. 3442 +-19. 11. 29 Multiplication corrected doubles: Pu240e mass (g): 121. 291 +-0. 374 +-0. 247 0. 001 Am241: 0.0000 0.0000 Am date: Pu240e mass (g):
Pu mass (g):
Declared Pu240e mass (g): 35 576 1. 50 64. 00 0.002 Predelay: Gate length: 0.379 Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 2nd gate length: 1.065 0.002 0.013 +-High voltage: 1. 250 +-0.201

64. 00 1740 30. 0000 Die away time: Efficiency: Multiplicity deadtime: 72, 6000

(1)

(2)

Known alpha calibration parameters

サンプルC 10L txt

Alpha weight: 1.000000e+000 Rho zero: 4. 707231e-001 2. 166000e+000 0. 000000e+000 3. 240449e+002 variance a 0.000000e+000 0. 000000e+000 0. 000000e+000 variance b: covariance ab: 0.000000e+000

PRIMARY RESULT	Г	
 Passive multiplicity results		
 Multiplication:	1.012 +-	0.001
. Alpha:	1.093 +-	0.007
Multiplication correction factor:	1.000	į
Pu240e mass (g):	0.371 +-	0.001
Pu240e (%):	35. 576	į
Pu mass (g):	1.043 +-	0.004
Declared Pu240e mass (g):	0. 379	į
Declared Pu mass (g):	1.065	į
Declared - assay Pu mass (g):	0.022 +-	0.004
Declared - assay Pu mass (%):	2.066 +-	0.372
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 2. 154000e+000 3. 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 8 240000e+000 000000e+000 0. 000000e+000 0. 000000e+000 sigma x: 0 000000e+000 alpha weight: efficiency correction factor: 1.000000e+000

Passive cycle rate data

サンプルC 10L txt

Cycle	Singles	Doub I es	Triples	Mass	QC Tests
1	525. 097	123. 211	37. 262	0. 332	Fail outlier
test					_
2	532. 498	124. 111	32. 140	0.369	Pass
3	543. 932	123. 545	32. 102	0.367	Pass
4	538. 865	127. 879	32. 808	0.383	Pass
5	543. 465	130. 346	37. 555	0.363	Pass
6	543. 565	126. 512	33. 701	0.370	Pass
7	543. 499	127. 812	35. 629	0.363	Pass
8	536. 498	125. 278	35. 263	0.354	Pass
9	531. 198	127. 645	35. 230	0.366	Pass
10	541. 999	126. 512	35. 070	0.361	Pass
11	541. 865	129. 712	35. 268	0. 375	Pass
12	538. 765	129. 412	36.825	0.363	Pass
13	541. 298	128. 579	33.863	0.379	Pass
14	542. 232	128. 646	36.989	0.359	Pass
15	535. 065	126. 512	32. 212	0.380	Pass
16	543. 599	133. 880	38. 438	0.374	Pass
17	541. 932	129. 579	34. 935	0.376	Pass
18	542. 232	131. 713	36. 196	0. 378	Pass
19	539. 098	131. 946	37. 029	0.374	Pass
20	534. 765	130. 512	36. 523	0.371	Pass
21	541. 499	134. 213	39. 908	0.367	Pass
22	549. 833	133. 147	37.679	0.375	Pass
23	542, 465	130, 613	34, 488	0.384	Pass
24	545, 299	135, 680	38, 992	0.379	Pass
25	537, 532	132, 779	37, 509	0.375	Pass
26	540, 798	128, 779	33, 650	0, 381	Pass
27	541, 899	131, 146	36, 592	0.373	Pass
28	548, 732	130, 379	36, 289	0. 371	Pass
29	533, 431	126, 378	35, 180	0.360	Pass
30	548, 232	134, 013	38, 454	0. 375	Pass
31	545, 799	129, 712	35, 498	0.373	Pass
• 1	0.0.700	.20. / 12	55. 400	3.070	

サンプルC_20L.txt サンプルC_20L.txt

```
INCC 5.1.2
  Facility: PPFF
Material balance area: XXXX
             Detector type:
Detector id:
Electronics id:
                                          AVIS R-123
```

Inventory change code: I/O code:

Measurement date: Results file name: 19.11.29 10:53:08

Inspection number: Item id: Stratum id:

C 20L XXXX 0. 0000 0. 0000 Bias uncertainty: Random uncertainty: Mandom uncertainty:
Relative std deviation:
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
Error calculation: 0.0000 1.090 Verification

Shift register On Sample method Accidentals method: Inspector name: Passive comment:

Isotopics id: PU-400025106 OD

Isotopics source code: Pu238: 1.0670 +-0.9911 +-0.0000 0.0000 64. 7610 +-25. 1940 +-0. 0000 0. 0000 66. 2312 +-25. 7417 +-0. 0000 0. 0000 Pu239 Pu240: 4. 7090 +-4. 2690 +-Pu241: 0.0000 2.6686 +-0 0000 Pu242: 07. 09. 07 Pu date: 19, 11, 29

0.0000

7. 3442 +-19. 11. 29

0.0000

5. 2012 +-07. 09. 07

1. 50 64. 00 Predelay: Gate length: 64. 00 1740 2nd gate length: High voltage: 30. 0000 Die away time: Efficiency: Multiplicity deadtime: 72, 6000

Am241:

Am date:

(1)

Coefficient A deadtime: 0. 2904 Coefficient B deadtime: 0.0211 Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 7930 Triples gate fraction: 0 6225 1.0000 +-0.0000 Normalization constant: 7. 123 +-Passive singles bkgrnd: 0.113 0 042 +-0.012

Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: 0.007 +-0.668 Passive scaler2 bkgrnd: 3. 362

Number passive cycles: Count time (sec): 30

Passive messages

Known alpha: failed stratum rejection limits Multiplicity: failed stratum rejection limits

541. 411 +-129. 307 +-Singles: 1. 110 0. 598 Doubles: 35. 861 +-7. 145 +-0. 198 +-0. 400 0. 357 Triples: Quads: Quads/Triples: 0.008 Scaler 1: Scaler 2: 0. 435 0. 345 149. 367 +-84. 745 +-

PRIMARY RESULT . |Known alpha results Multiplication: Multiplication corrected doubles: 1. 010 121. 429 +-0. 375 +-Pu240e mass (g): Pu240e (%): Pu mass (g): 0.001 35. 576 1. 053 +-0.003 Declared Pu240e mass (g)
Declared Pu mass (g) 0 379 0.003 Declared - assav Pu mass (g) 0.012 +-

(2)

サンプルC 20L txt

Declared - assay Pu mass	(%):	1. 138 +-	0. 255
77777777777777777777777777777777	7777777777777	????????????????	7777777

Known alpha calibration parameters

1.000000e+000 Alpha weight: Rho zero: 4. 707231e-001 2. 166000e+000 0.000000e+000 3. 240449e+002 0. 000000e+000 variance a: variance b: covariance ab: 0.000000e+000 0. 000000e+000 sigma x: 0 000000e+000

Passive multiplicity results

Multiplication: 0.001 Alpha: Multiplication correction factor: 1 105 +-0.007 Pu240e mass (g): Pu240e (%): Pu mass (g): 0.369 +-0.002 35. 576 1. 038 +-0.004 Declared Pu240e mass (g):
Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 0.379 0.004 0.028 +-

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 2. 154000e+000 3. 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 240000e+000 000000e+000 0. 000000e+000 0. 000000e+000

sigma x: 0 000000e+000 alpha weight: efficiency correction factor: 1.000000e+000

(3)

Passive cycle rate data

サンプルC 20L txt

Cycle	Singles	Doub I es	Triples	Mass	QC Tests
1	539. 732	128. 745	35. 342	0.370	Pass
2	532. 164	127. 545	37. 483	0. 351	Pass
3	542. 865	129. 479	37. 300	0.361	Pass
4	527. 864	128. 078	35. 629	0.365	Pass
5	535. 765	127. 445	34. 756	0.368	Pass
6	541. 132	132. 846	36. 693	0. 381	Pass
7	545. 699	132. 613	36. 618	0.380	Pass
8	540. 632	125. 545	32. 967	0.370	Pass
9	547. 866	130. 546	35. 014	0.380	Pass
10	537. 832	125. 612	33. 399	0.368	Pass
11	541. 198	133. 646	36. 659	0. 385	Pass
12	537. 232	127. 812	33.658	0.377	Pass
13	542. 965	128. 412	37. 358	0.355	Pass
14	535. 765	124. 745	33.074	0.366	Pass
15	546. 332	136. 647	41.849	0.366	Pass
16	536. 665	128. 745	33. 815	0.380	Pass
17	539. 865	125. 912	35. 812	0. 353	Pass
18	545. 632	130. 613	35. 970	0. 375	Pass
19	546. 699	132. 046	36. 974	0. 375	Pass
20	540. 165	131. 079	36. 935	0. 371	Pass
21	533. 731	123. 878	32. 621	0.365	Pass
22	550. 133	130. 579	35. 476	0. 378	Pass
23	540. 898	130. 746	37. 493	0.365	Pass
24	548. 999	130. 446	36. 213	0. 372	Pass
25	531. 931	123. 044	32. 123	0.364	Pass
26	554. 700	135. 047	39. 234	0.374	Pass
27	542. 032	132. 313	38.866	0.364	Pass
28	548. 866	130. 579	37. 125	0.367	Pass
29	541. 399	128. 379	36. 454	0.361	Pass
30	545. 566	126. 079	32. 909	0.373	Pass

サンプルC_30L.txt サンプルC_30L.txt

INCC 5.1.2

Facility: Material balance area: Detector type: Detector id: AVIS R-123 Electronics id:

Inventory change code: I/O code:

Measurement date: Results file name: 19. 11. 29 11:20:19 9BTL2019. VER

Inspection number: Item id: Stratum id:

C 30L Bias uncertainty: Random uncertainty: 0.0000 Systematic uncertainty:
Relative std deviation:
Material type:
Original declared mass: 0.0000 1. 090 Verification Measurement option:

Data source: QC tests: Error calculation: Shift register On Sample method Accidentals method: Inspector name:

Passive comment:

Isotopics id: PU-400025106 Isotopics source code: OD

1.0670 +-0.9911 +-0.0000 0.0000 Pu238 64. 7610 +-25. 1940 +-0. 0000 0. 0000 66. 2312 +-25. 7417 +-0. 0000 0. 0000 Pu239 Pu240 4. 7090 +-4. 2690 +-Pu241: 0.0000 2 6686 +-0 0000 Pu242: 07. 09. 07 Pu date: 19.11.29

0.0000

7. 3442 +-19. 11. 29

0.0000

5. 2012 +-07. 09. 07

1. 50 64. 00 Gate length: 64. 00 1740 2nd gate length: High voltage: 30 0000

Am241:

Am date:

Die away time: Efficiency: Multiplicity deadtime: 72, 6000

(1)

Coefficient A deadtime: 0. 2904 Coefficient B deadtime: 0.0211

Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 7930 Triples gate fraction: 0 6225

Normalization constant:

Passive singles bkgrnd: 7. 123 +-0.113 Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: 0 042 +-0.012 0.007 +-

1.0000 +-

0.668 Passive scaler2 bkgrnd: 3. 362

Number passive cycles: Count time (sec): 30

Passive messages

Known alpha: failed stratum rejection limits Multiplicity: failed stratum rejection limits

542. 220 +-128. 487 +-0. 785 0. 648 Singles: Doubles: 35. 454 +-6. 657 +-0. 186 +-Triples: 0.498 Quads: Quads/Triples: 0.006

149.556 +-0.381 84. 767 +-Scaler 2: 0.333

0.0000

PRIMARY RESULT . |Known alpha results Multiplication: Multiplication corrected doubles: 1. 008 121. 788 +-0.376 +-Pu240e mass (g) 0.001 Pu240e (%) Pu mass (g) 35. 576 0.002 1.056 +-Declared Pu240e mass (g)
Declared Pu mass (g) 0 379 0.002 Declared - assay Pu mass (g) 0.009 +-

(2)

サンプルC 30L txt

Declared - assay Pu mass (%):

Known alpha calibration parameters

1.000000e+000 Alpha weight: Rho zero: 4. 707231e-001 2. 166000e+000 0.000000e+000 3. 240449e+002 0. 000000e+000 variance a: variance b: covariance ab: 0.000000e+000 0. 000000e+000 sigma x: 0 000000e+000

Passive multiplicity results

Multiplication: 0.001 Alpha: Multiplication correction factor: 1 117 +-0.008 Pu240e mass (g): Pu240e (%): Pu mass (g): 0.368 +-0.002 35. 576 1. 034 +-0.005 Declared Pu240e mass (g):
Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 0.379 0.005 0.031 +-0.451

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 154000e+000 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 240000e+000 000000e+000 0. 000000e+000 0. 000000e+000

sigma x: 0 000000e+000 alpha weight: efficiency correction factor: 1.000000e+000

(3)

Passive cycle rate data

サンプルC 30L txt

Doubles QC Tests Cycle Triples Singles 537. 398 537. 332 126. 678 124. 911 36, 561 0.352 Pass 32. 820 124, 645 31.305 545, 532 0.377 Pass 545. 966 550. 299 125. 178 135. 580 33. 342 39. 899 0. 366 0. 373 Pass Pass 545. 332 543. 465 544. 265 127.045 34. 562 35. 578 0.367 Pass 128. 946 131. 279 Pass 39, 355 0.356 Pass 537. 732 535. 731 123. 144 125. 545 32. 301 33. 470 0. 363 0. 367 Pass 10 Pass 545 766 130.679 33 719 0.390 Pass 11 12 13 14 15 130. 779 124. 645 547. 199 38. 987 0. 356 Pass 539. 332 545. 799 541. 065 33. 053 35. 014 0 365 Pass 125, 245 31,001 0.382 Pass 16 17 545. 132 535. 565 134. 447 122. 678 39. 974 31. 541 0.367 Pass 0.366 Pass 545. 532 541. 098 544. 465 18 19 126 979 34, 012 0 370 Pass 20 21 22 23 24 25 33, 756 128, 846 0.381 Pass 537. 165 535. 031 123. 945 125. 911 35. 654 34. 018 0. 345 0. 365 Pass Pass 132. 580 128. 579 38. 876 35. 166 544, 432 0 365 Pass 541. 799 547. 199 134, 880 39.778 0.371 Pass 26 27 541. 432 548. 566 131. 913 131. 680 38. 727 35. 673 0. 363 0. 382 Pass Pass 538. 598 538. 632 130. 112 127. 879 35. 909 34. 490 0. 373 0. 371 28 29 Pass Pass 539. 732 128.845 36, 822 0.361

サンプルC_40L.txt サンプルC_40L.txt

```
Coefficient A deadtime:
INCC 5.1.2
                                                                                                                                                                                          0. 2904
                                                                                                                                                 Coefficient B deadtime:
                                                                                                                                                                                          0.0211
  Facility:
Material balance area:
                                                                                                                                                 Coefficient C deadtime:
Doubles gate fraction:
                                                                                                                                                                                          0. 0000
0. 7930
             Detector type:
Detector id:
                                                                                                                                                  Triples gate fraction:
                                                                                                                                                                                          0 6225
                                     AVIS R-123
            Electronics id:
                                                                                                                                                                                                            0.0000
                                                                                                                                                 Normalization constant:
                                                                                                                                                                                          1.0000 +-
  Inventory change code:
I/O code:
                                                                                                                                                 Passive singles bkgrnd:
                                                                                                                                                                                          7. 123 +-
                                                                                                                                                                                                             0.113
        Measurement date:
Results file name:
                                    19. 11. 29 13:48:34
9BTN4834. VER
                                                                                                                                                 Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                          0 042 +-
                                                                                                                                                                                                             0.012
                                                                                                                                                                                          0.007 +-
        Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                          0.668
                                    C 40L
XXXX
                                                                                                                                                 Passive scaler2 bkgrnd:
                                                                                                                                                                                          3. 362
                                    0.0000
      Bias uncertainty:
Random uncertainty:
                                                                                                                                                  Number passive cycles:
Count time (sec):
                                                                                                                                                                                              30
Systematic uncertainty:
Relative std deviation:
Material type:
Original declared mass:
                                    0.0000
                                                                                                                                                Passive messages
                                    1. 090
                                                                                                                                                Known alpha: failed stratum rejection limits
Multiplicity: failed stratum rejection limits
                                     Verification
       Measurement option:
       Data source:
QC tests:
Error calculation:
                                    Shift register
On
                                     Sample method
      Accidentals method:
Inspector name:
                                                                                                                                                                                                           540. 458 +-
129. 399 +-
                                                                                                                                                                                                                                0. 992
0. 635
                                                                                                                                                                                    Singles:
                                                                                                                                                                                    Doubles:
                                                                                                                                                                                                             36. 045 +-
6. 904 +-
0. 190 +-
           Passive comment:
                                                                                                                                                                                     Triples:
                                                                                                                                                                                                                                 0.490
                                                                                                                                                                                       Quads:
                                                                                                                                                                            Quads/Triples:
               Isotopics id:
                                    PU-400025106
                                                                                                                                                                                                                                0.006
   Isotopics source code:
                                    OD
                                                                                                                                                                                   Scaler 1:
                                                                                                                                                                                                            149. 352 +-
                                                                                                                                                                                                                                 0. 545
                                       1.0670 +-
                                                                         0.9911 +-
                                                                                                                                                                                                             84. 903 +-
                                                        0.0000
                                                                                          0.0000
                         Pu238
                                                                                                                                                                                   Scaler 2:
                                                                                                                                                                                                                                 0.307
                                     64. 7610 +-
25. 1940 +-
                                                        0. 0000
0. 0000
                                                                        66. 2312 +-
25. 7417 +-
                                                                                          0. 0000
0. 0000
                         Pu239
                         Pu240
                                                                                                                                                 Known alpha results
                                      4. 7090 +-
4. 2690 +-
                         Pu241:
                                                        0.0000
                                                                         2 6686 +-
                                                                                          0 0000
                         Pu242:
                                                                                                                                                                          Multiplication:
                                    07. 09. 07
                      Pu date:
                                                                       19.11.29
                                                                                                                                                                                                              1.010
                                   5. 2012 +-
07. 09. 07
                                                                       7. 3442 +-
19. 11. 29
                                                                                                                                                 Multiplication corrected doubles:
Pu240e mass (g):
                                                                                                                                                                                                           121. 159 +-
0. 374 +-
                         Am241:
                                                        0.0000
                                                                                          0.0000
                                                                                                                                                                                                                                 0 286
                      Am date:
                                                                                                                                                                                                                                 0.001
                                                                                                                                                                               Pu240e (%)
                                                                                                                                                                                                             35 576
                                                                                                                                                            Pu mass (g):
Declared Pu240e mass (g):
                                        1. 50
64. 00
                                                                                                                                                                                                                                 0.002
                Gate length:
                                                                                                                                                                                                              0.379
                                                                                                                                                       Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%):
                                     64. 00
1740
           2nd gate length:
                                                                                                                                                                                                               1.065
                                                                                                                                                                                                                                 0.002
                                                                                                                                                                                                              0.014 +-
               High voltage:
                                        30 0000
             Die away time:
Efficiency:
                                                                                                                                                                                                              1 358 +-
                                                                                                                                                                                                                                 0.233
  Multiplicity deadtime:
                                                                                                                                               Known alpha calibration parameters
                                         72, 6000
```

サンプルC 40L txt サンプルC 40L txt

Alpha weight: 1.000000e+000 Rho zero: 4. 707231e-001 2. 166000e+000 0. 000000e+000 3. 240449e+002 variance a 0.000000e+000 0. 000000e+000 0. 000000e+000 variance b: covariance ab: 0.000000e+000

(1)

PRIMARY RESULT Passive multiplicity results Multiplication: 0.001 1.105 +-0.008 Alpha: | Alpha: |Multiplication correction factor: | Pu240e mass (g): | Pu240e (%): 1 000 0.002 35, 576 Pu mass (g) Declared Pu240e mass (g) 1. 036 +-0. 379 0 005 Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 1 065 0. 030 +-2. 806 +-0.508

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 154000e+000 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 240000e+000 000000e+000 0. 000000e+000 0. 000000e+000 sigma x: 0 000000e+000 alpha weight: efficiency correction factor:

1.000000e+000

Passive cycle rate data

Doubles Triples QC Tests Cycle Singles 542. 932 541. 499 535. 231 129. 646 130. 346 35. 489 36. 692 0. 373 0. 369 Pass 126. 478 34.160 0.367 Pass 538. 932 542. 565 127. 745 136. 347 36. 046 39. 286 0. 361 0. 381 Pass Pass 36. 163 28. 246 32. 407 41. 551 36. 375 540 832 128.579 0.364 Pass 536. 298 542. 032 0.397 Pass 125.678 0.375 Pass 542. 899 536. 431 133. 646 127. 612 0. 354 0. 358 Pass 10 Pass 540, 332 127. 412 33. 184 0.378 Pass 11 12 13 14 15 544. 932 130. 846 36. 570 0. 372 Pass 542 165 38. 685 36. 515 132, 513 0.366 Pass 531. 098 540. 098 0.344 126, 812 0.353 36, 467 Pass 16 17 534. 031 546. 432 127. 478 127. 979 33. 859 35. 250 0 374 Pass 0.367 Pass 551. 899 547. 132 548. 932 130, 613 33. 872 38. 734 0 388 Pass 18 19 20 21 22 23 24 25 133. 246 135. 447 39, 291 0.376 Pass 536. 031 532. 298 124. 511 123. 811 33. 185 32. 561 0. 364 0. 365 Pass Pass 533. 431 542. 132 541. 399 34. 983 39. 768 128 245 0 370 Pass 129, 779 36, 923 0.365 Pass 26 27 549. 332 530. 464 134. 480 125. 745 38. 187 35. 130 0. 379 0. 357 Pass Pass 538. 332 541. 465 131. 946 132. 179 37. 201 37. 404 0. 373 0. 373 28 29 Pass Pass 542, 165 130.746 37, 155 0.368

(2)

サンプルC_50L.txt サンプルC_50L.txt

```
INCC 5.1.2
                                                                                                                                                               Coefficient A deadtime:
                                                                                                                                                                                                           0. 2904
                                                                                                                                                               Coefficient B deadtime:
                                                                                                                                                                                                           0.0211
  Facility: PPFF
Material balance area: XXXX
                                                                                                                                                              Coefficient C deadtime:
Doubles gate fraction:
                                                                                                                                                                                                           0. 0000
0. 7930
             Detector type:
Detector id:
Electronics id:
                                                                                                                                                                Triples gate fraction:
                                                                                                                                                                                                           0 6225
                                        AVIS R-123
                                                                                                                                                                                                           1.0000 +-
                                                                                                                                                                                                                               0.0000
                                                                                                                                                              Normalization constant:
  Inventory change code:
I/O code:
                                                                                                                                                                                                           7. 123 +-
                                                                                                                                                               Passive singles bkgrnd:
                                                                                                                                                                                                                                0.113
         Measurement date:
Results file name:
                                       19. 11. 29 14:15:04
9BT01504. VER
                                                                                                                                                              Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                                                                                                                                                                                           0 042 +-
                                                                                                                                                                                                                                0.012
                                                                                                                                                                                                           0.007 +-
         Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                           0.668
                                       C 50L
XXXX
                                                                                                                                                               Passive scaler2 bkgrnd:
                                                                                                                                                                                                           3. 362
                                       0. 0000
0. 0000
       Bias uncertainty:
Random uncertainty:
                                                                                                                                                                Number passive cycles:
Count time (sec):
                                                                                                                                                                                                                30
Mandom uncertainty:
Relative std deviation:
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
Error calculation:
                                       0.0000
                                                                                                                                                             Passive messages
                                        1.090
Verification
                                                                                                                                                             Known alpha: failed stratum rejection limits
Multiplicity: failed stratum rejection limits
                                       Shift register
On
                                        Sample method
       Accidentals method:
Inspector name:
                                                                                                                                                                                                                              541. 547 +-
129. 320 +-
                                                                                                                                                                                                                                                     0. 852
0. 646
                                                                                                                                                                                                     Singles:
                                                                                                                                                                                                     Doubles:
                                                                                                                                                                                                                                35. 603 +-
6. 624 +-
0. 185 +-
                                                                                                                                                                                                                                                     0.394
0.197
            Passive comment:
                                                                                                                                                                                                      Triples:
                                                                                                                                                                                                        Quads:
                                                                                                                                                                                            Quads/Triples:
                Isotopics id:
                                       PU-400025106
                                                                                                                                                                                                                                                     0.004
  Isotopics source code:
Pu238:
                                                                                                                                                                                                   Scaler 1:
Scaler 2:
                                                                                                                                                                                                                              149. 549 +-
84. 724 +-
                                                                                                                                                                                                                                                     0. 306
0. 330
                                       OD
                                           1.0670 +-
                                                                                0.9911 +-
                                                             0.0000
                                                                                                  0.0000
                                         64. 7610 +-
25. 1940 +-
                                                             0. 0000
0. 0000
                                                                              66. 2312 +-
25. 7417 +-
                                                                                                  0. 0000
0. 0000
                           Pu239
                           Pu240
                                                                                                                                                              Known alpha results
                                          4. 7090 +-
4. 2690 +-
                           Pu241:
                                                             0.0000
                                                                                2.6686 +-
                                                                                                  0 0000
                           Pu242:
                                                                                                                                                                                          Multiplication:
                                       07. 09. 07
                        Pu date:
                                                                             19.11.29
                                                                                                                                                                                                                                 1.010
                                       5. 2012 +-
07. 09. 07
                                                                             7. 3442 +-
19. 11. 29
                                                                                                                                                              Multiplication corrected doubles:
Pu240e mass (g):
                                                                                                                                                                                                                              121. 463 +-
0. 375 +-
                                                                                                                                                                                                                                                     0. 253
0. 001
                           Am241:
                                                             0.0000
                                                                                                  0.0000
                        Am date:
                                                                                                                                                                          Pu240e mass (g):
Pu mass (g):
Declared Pu240e mass (g):
                                                                                                                                                                                                                                35 576
                                            1. 50
64. 00
                                                                                                                                                                                                                                                      0.002
                      Predelay:
                  Gate length:
                                                                                                                                                                                                                                 0.379
                                                                                                                                                                    Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%):
                                         64. 00
1740
            2nd gate length:
                                                                                                                                                                                                                                 1.065
                                                                                                                                                                                                                                                      0.002
                                                                                                                                                                                                                                 0.012 +-
                High voltage:
                                            30 0000
              Die away time:
Efficiency:
                                                                                                                                                                                                                                 1.110 +-
                                                                                                                                                                                                                                                      0.206
```

サンプルC 50L txt

(1)

Alpha weight: 1.000000e+000 Rho zero: 4. 707231e-001 2. 166000e+000 0. 000000e+000 3. 240449e+002 variance a 0.000000e+000 0. 000000e+000 0. 000000e+000 variance b: covariance ab: 0.000000e+000

72, 6000

PRIMARY RESULT Passive multiplicity results Multiplication: 0.001 1.097 +-0.007 Alpha: | Multiplication correction factor: | Pu240e mass (g): | Pu240e (%): 1 000 0.002 35, 576 Pu mass (g) Declared Pu240e mass (g) 1. 042 +-0. 379 0.005 Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 1 065 0. 023 +-2. 153 +-0.441

Passive multiplicity calibration parameters

Multiplicity deadtime:

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 2. 154000e+000 3. 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 240000e+000 000000e+000 0. 000000e+000 0. 000000e+000 c: sigma x: 0 000000e+000 alpha weight: efficiency correction factor: 1.000000e+000

Passive cycle rate data

サンプルC 50L txt

(2)

Known alpha calibration parameters

		, -	, , , o_ooz. exe		
Cycle	Singles	Doub I es	Triples	Mass	QC Tests
1	540. 265	129. 079	34. 943	0.374	Pass
2	542. 165	134. 080	38. 881	0.373	Pass
3	545. 232	131. 179	35. 975	0.377	Pass
4	541. 232	127. 579	35. 514	0.363	Pass
5	539. 932	123. 778	32. 988	0.362	Pass
6	538. 332	129. 479	37. 611	0.359	Pass
7	539. 732	125. 978	33. 707	0. 367	Pass
8	540. 265	125. 845	34. 876	0.359	Pass
9	530. 664	123. 744	31.880	0.369	Pass
10	543. 132	134. 213	37.009	0. 385	Pass
11	542. 865	132. 046	36. 586	0. 377	Pass
12	549. 132	131. 780	35.038	0.386	Pass
13	542. 832	125. 212	32. 524	0.372	Pass
14	537. 332	124. 911	32. 966	0. 367	Pass
15	550. 366	138. 581	41.845	0. 375	Pass
16	538. 932	130. 346	35. 818	0.374	Pass
17	542. 765	127. 979	33. 115	0. 381	Pass
18	541. 699	127. 912	35. 672	0.364	Pass
19	545. 265	130. 746	37. 639	0.364	Pass
20	533. 398	125. 278	33.864	0.363	Pass
21	538. 098	127. 345	35. 865	0.360	Pass
22	543. 999	129. 812	36.090	0.370	Pass
23	536. 265	126. 578	35. 232	0.360	Pass
24	535. 965	126. 978	33. 677	0. 373	Pass
25	540. 065	131. 579	37. 195	0. 371	Pass
26	542. 699	132. 980	38. 672	0.369	Pass
27	551. 799	134. 113	36.898	0. 385	Pass
28	546. 232	131. 813	33. 946	0.394	Pass
29	544. 999	130. 079	35. 091	0.378	Pass
30	540. 765	128. 579	36. 955	0.359	Pass

サンプルD_0L.txt サンプルD_OL. txt

INCC 5.1.2

Facility: Material balance area: Detector type: Detector id: AVIS R-123 Electronics id:

Inventory change code: I/O code:

Measurement date: Results file name: 19. 10. 24 09:50:47

Inspection number: Item id: Stratum id: D OL

Bias uncertainty: Random uncertainty: 0.0000 Systematic uncertainty:
Relative std deviation:
Material type:
Original declared mass: 0.0000 3. 220 Verification Measurement option:

Data source: QC tests: Error calculation: Database Sample method Accidentals method: Inspector name:

Isotopics id: PU-400025106

Isotopics source code: OD

Passive comment:

1.0670 +-0.9917 +-0.0000 0.0000 Pu238 64. 7610 +-25. 1940 +-0. 0000 0. 0000 66. 2221 +-25. 7384 +-0. 0000 0. 0000 Pu239 Pu240 4. 7090 +-4. 2690 +-Pu241: 0.0000 2 6810 +-0.0000 Pu242: 07. 09. 07 Pu date: 19, 10, 24 5. 2012 +-07. 09. 07 7. 3316 +-19. 10. 24 Am241: 0.0000 0.0000

1. 50 64. 00 Predelay: Gate length: 64. 00 1740 2nd gate length: High voltage: 30 0000 Die away time: Efficiency: Multiplicity deadtime: 72, 6000

Am date:

(1)

Coefficient A deadtime: 0. 2904 Coefficient B deadtime: 0.0211 Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 7930

Triples gate fraction: 0 6225

Normalization constant:

6. 287 +-Passive singles bkgrnd: 0.086 Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: 0 055 +-0 009 0.005 +-

0.657 Passive scaler2 bkgrnd: 2. 743

Number passive cycles: Count time (sec): 30

Declared - assay Pu mass (g)

Passive messages

Known alpha: failed stratum rejection limits Multiplicity: failed stratum rejection limits

1610. 845 +-389. 540 +-Singles: 1. 727 1. 236 Doubles: Triples: 110 309 +-1 147 22. 836 +-0. 205 +-Quads: Quads/Triples: 0.006 447. 431 +-0.878 249. 468 +-Scaler 2: 0.494

0.0000

1.0000 +-

PRIMARY RESULT . |Known alpha results Multiplication: Multiplication corrected doubles: 1. 012 360. 573 +-1.113 +-Pu240e mass (g) 0.002 Pu240e (%) Pu mass (g) 35. 574 3. 128 +-0.004 Declared Pu240e mass (g)
Declared Pu mass (g) 1.120 0.004

(2)

0.020 +-

サンプルD OL txt

0 000000e+000

Declared - assay Pu mass (%):

Known alpha calibration parameters

1.000000e+000 Alpha weight: Rho zero: 4. 707231e-001 2. 166000e+000 0.000000e+000 3. 240449e+002 0. 000000e+000 variance a: variance b: covariance ab: 0.000000e+000 0. 000000e+000

Passive multiplicity results

Multiplication: 0.001 Alpha: Multiplication correction factor: 1 101 +-0.007 Pu240e mass (g): Pu240e (%): Pu mass (g): 0.004 1.098 +-35. 574 3. 086 0.012 Declared Pu240e mass (g):
Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 1.120 0.012 0.062 +-1.957 +-0.378

sigma x:

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 154000e+000 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 240000e+000 000000e+000 0. 000000e+000 0. 000000e+000

sigma x: 0 000000e+000 alpha weight: efficiency correction factor: 1.000000e+000

(3)

Passive cycle rate data

サンプルD OL txt

QC Tests Cycle Doubles | Triples Singles 390. 196 390. 531 396. 699 1618. 638 1630. 174 107. 675 103. 746 1.118 Pass Pass 1623.740 118.462 1.080 Pass 1613. 104 1603. 668 394. 197 386. 226 115. 360 107. 181 1. 088 1. 102 Pass Pass 391. 695 366. 248 387. 658 1608 869 114.719 1 080 Pass 93. 754 105. 476 1.097 Pass 1591, 765 1.121 Pass 1603. 601 1607. 469 385. 692 384. 592 108. 525 103. 680 1. 091 Pass 10 1.118 Pass 1610 303 391. 562 389. 762 103.424 1 152 Pass 11 12 13 14 15 112. 805 1615. 238 1.083 Pass 107. 668 105. 663 1617 471 391, 196 1 123 Pass 382. 092 394. 563 120, 813 1609, 203 1.056 Pass 16 17 1614. 371 1601. 801 398. 966 380. 489 123. 311 103. 957 1 061 Pass Pass 1.096 18 19 1620, 239 401. 168 387. 359 119,053 1 098 Pass 20 21 22 23 24 25 393, 130 116, 463 1618, 305 1.076 Pass 1599, 601 390. 861 386. 926 111. 252 109. 540 1 099 Pass Pass 1608. 236 1.090 1616, 038 394, 831 114, 520 1 096 Pass 395. 632 383. 024 103, 578 1606, 102 1.111 Pass 26 27 1620. 205 1607. 236 389. 062 395. 330 108. 314 115. 655 1. 108 Pass Pass 389. 694 381. 723 113. 303 109. 254 1. 080 1. 068 28 29 1608. 569 Pass Pass 1619.605 395.098 110.726 1.121

サンプルD_10L.txt サンプルD_10L.txt INCC 5.1.2 Coefficient A deadtime: 0. 2904 Coefficient B deadtime: 0.0211 Facility: PPFF Material balance area: XXXX Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 7930 Detector type: Detector id: Electronics id: Triples gate fraction: 0 6225 AVIS R-123 1.0000 +-0.0000 Normalization constant: Inventory change code: I/O code: 6. 287 +-Passive singles bkgrnd: 0.086 Measurement date: Results file name: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: 19. 10. 24 10:22:53 0 055 +-0.009 0.005 +-Inspection number: Item id: Stratum id: 0.657 D 10L XXXX 0.0000 0.0000 Passive scaler2 bkgrnd: 2. 743 Bias uncertainty: Random uncertainty: Number passive cycles: Count time (sec): 30 Mandom uncertainty:
Relative std deviation:
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
Error calculation: 0.0000 Passive messages Pu 3. 220 Verification Known alpha: failed stratum rejection limits Multiplicity: failed stratum rejection limits Shift register On Sample method Accidentals method: Inspector name: 1610. 449 +-389. 436 +-Singles: Doubles: Passive comment: Triples: 108 607 +-21. 340 +-0. 195 +-Quads: Quads/Triples:

Isotopics id: PU-400025106 Isotopics source code: Pu238: OD 1.0670 +-0.9917 +-0.0000 0.0000 64. 7610 +-25. 1940 +-0. 0000 0. 0000 66. 2221 +-25. 7384 +-0. 0000 0. 0000 Pu239 Pu240 4. 7090 +-4. 2690 +-Pu241: 0.0000 2.6810 +-0.0000 Pu242: 07. 09. 07 Pu date: 19, 10, 24 5. 2012 +-07. 09. 07 7. 3316 +-19. 10. 24 Am241: 0.0000 0.0000

1. 50 64. 00 Gate length: 64. 00 1740 2nd gate length: High voltage: 30 0000 Die away time: Efficiency: Multiplicity deadtime: 72, 6000

Am date:

(1)

Pu240e (%): Pu mass (g): Declared Pu240e mass (g): 1, 120 Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 3. 148 0. 021 +-0.657 +-Known alpha calibration parameters

Scaler 1: Scaler 2:

Multiplication:

Pu240e (%)

Multiplication corrected doubles: Pu240e mass (g):

Known alpha results

(2)

1.120

1.017

0.007

0. 816 0. 505

0 492

0.002

0.004

0.004

0.135

446. 988 +-248. 838 +-

1. 078

1.012

360. 485 +-1. 112 +-

35 574

サンプルD 10L txt

Alpha weight: 1.000000e+000 Rho zero: 4. 707231e-001 2. 166000e+000 0. 000000e+000 3. 240449e+002 variance a 0.000000e+000 0. 000000e+000 0. 000000e+000 variance b: covariance ab: 0.000000e+000

PRIMARY RESULT Passive multiplicity results Multiplication: 0.001 1.084 +-0.007 Alpha: | Multiplication correction factor: | Pu240e mass (g): | Pu240e (%): 1 000 0.005 35, 574 Pu mass (g) Declared Pu240e mass (g) 3. 116 +-1. 120 0.014 Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 3 148 0. 032 +-1. 021 +-0.438

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 2. 154000e+000 3. 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 240000e+000 000000e+000 0. 000000e+000 0. 000000e+000 c: sigma x: 0 000000e+000 alpha weight: efficiency correction factor:

1.000000e+000

Passive cycle rate data

サンプルD 10L txt

Cycle	Singles	Doubles 1	Triples	Mass	QC Tests
1	1599. 400	385. 792	107. 516	1.098	Pass
2	1613. 771	389. 028	107. 673	1. 112	Pass
3	1608. 436	377. 989	94. 602	1. 147	Pass
4	1615. 738	386. 294	113.885	1.059	Pass
5	1593. 733	381. 989	103.840	1. 104	Pass
6	1626. 807	403. 837	109. 459	1. 171	Pass
7	1636. 076	396. 668	105. 501	1. 162	Pass
8	1610. 236	390. 628	103. 167	1. 150	Pass
9	1605. 068	384. 191	103. 267	1. 118	Pass
10	1602. 234	378. 222	98. 434	1. 122	Pass
11	1606. 736	391. 262	106. 690	1. 130	Pass
12	1613. 037	396. 331	117. 519	1.085	Pass
13	1599. 867	387. 259	106.869	1. 110	Pass
14	1609. 369	398. 432	116. 901	1.099	Pass
15	1608. 136	386. 426	104. 815	1. 119	Pass
16	1615. 738	392. 563	109. 824	1. 115	Pass
17	1621. 406	393. 731	108. 698	1. 128	Pass
18	1609. 369	384. 492	105. 744	1. 103	Pass
19	1603. 735	382. 824	104. 548	1. 103	Pass
20	1616. 138	390. 362	112. 399	1. 088	Pass
21	1618. 538	393. 564	111. 186	1. 111	Pass
22	1610. 903	383. 825	101. 582	1. 128	Pass
23	1620. 605	395. 532	110. 652	1. 124	Pass
24	1607. 636	380. 723	107. 457	1.074	Pass
25	1607. 602	394. 597	116. 208	1.085	Pass
26	1594. 566	390. 126	114. 655	1.074	Pass
27	1603. 568	391. 695	115. 368	1.076	Pass
28	1613. 837	394. 531	113. 424	1. 102	Pass
29	1601. 268	388. 893	111. 802	1.086	Pass
30	1619. 905	391. 263	114. 497	1.079	Pass

サンプルD_20L. txt サンプルD_20L. txt

Passive messages

Known alpha results

Multiplication corrected doubles: Pu240e mass (g):

> Pu mass (g): Declared Pu240e mass (g):

Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%):

Known alpha calibration parameters

Singles

1611. 037 1616. 838

1598. 267

1618. 105

1621.839

1618. 172

1622, 806

1614. 937 1614. 604

1604 635

1621. 272

1618 172

1619, 872

1606. 736 1616. 638

1617 405

1611. 937 1607. 436

1616. 338 1606. 235

1603 668

1611, 503

1614. 037 1601. 001

1610. 003 1606. 836

1612, 103

Known alpha: failed stratum rejection limits Multiplicity: failed stratum rejection limits

> Singles: Doubles:

Triples:

Scaler 1:

Scaler 2:

Multiplication:

Pu240e (%)

Doubles

390. 228 382. 892

385, 291

382. 159 395. 165

386. 361

400. 969 397. 833

401. 034 390. 829

386, 259

383. 960

392.864

380. 057 384. 126

382. 791 383. 459

390. 096 391. 262 385. 492

396. 899 385. 959

397, 431

384. 025 381. 124

390. 829 388. 726

396. 931 395. 764

393.997

Quads: Quads/Triples:

0. 2904

0.0211

0. 0000 0. 7930

0 6225

1.0000 +-

0.0000

1612. 774 +-389. 494 +-

108 940 +-

20. 667 +-0. 189 +-

447. 674 +-

249. 387 +-

1.078

1.012

361. 094 +-1. 114 +-

35 574

1, 120

3. 148 0. 015 +-

(2)

Triples

107. 238 110. 973

106.124

98. 624 111. 575

111 639

116.082

123. 299 111. 444

101.558

104. 718

108. 177 101. 879

106, 424

109. 972 100. 045

108. 970 107. 883

107.334

112. 828 107. 701

112 223

99, 412

110. 463 107. 296

112. 935

113.918

116.839

0.489 +-

1.131

1.016

0.005

0. 551

0.497

0. 395 0. 001

0.003

0.003

0.109

QC Tests

Pass

Pass

Pass

Pass

Pass

Pass

Pass

Pass

1.121 Pass

1.105 Pass

1.139 Pass

1.116 Pass

1 074 Pass

1.100 Pass

1. 071 1. 097

1.140 Pass

1. 107 Pass

1 127 Pass

1. 108

1.097

1.068 Pass 1.136 Pass

1 109 Pass

1.098 Pass

1.117 Pass 1.098 Pass

1 123 Pass

1.129 Pass

1.103 Pass 1.114 Pass

1. 116 1. 105

1.078

INCC 5.1.2

Facility: PPFF Coefficient A deadtime: Coefficient B deadtime: Coefficient C deadtime: Detector type:
Detector id: AVIS R-123
Electronics id: Inventory change code:
Inventory change code:
I/O code: Passive singles bkgrnd:
Measurement date: 19.10.24 10:50:58

Coefficient A deadtime: Coefficient C deadtime: Triples gate fraction: Triples gate fraction: Normalization constant:

Normalization constant:
Passive singles bkgrnd:

| Number passive cycles: | Number passive cycl

Bias uncertainty: 0.0000
Random uncertainty: 0.0000
Systematic uncertainty: 0.0000
Relative std deviation: 0.0000
Material type: Pu
Original declared mass: 3.220
Measurement option: Verification
Data source: Shift register

Isotopics id: PU-400025106 Isotopics source code: OD 1.0670 +-0. 9917 +-0.0000 0.0000 Pu238 64. 7610 +-25. 1940 +-0. 0000 0. 0000 66. 2221 +-25. 7384 +-0. 0000 0. 0000 Pu239 Pu240 Pu241: 0.0000 2 6810 +-0.0000

Pu241: 4. 7090 + 0. 0000 2. 6810 + 0. 0000
Pu242: 4. 2690 + 0. 0000 4. 3667 + 0. 0000
Pu date: 07. 09. 07 19. 10. 24

Am241: 5. 2012 + 0. 0000 7. 3316 + 0. 0000
Am date: 07. 09. 07 19. 10. 24

(1)

サンプルD_20L. txt サンプルD_20L. txt

Cycle

10

16 17

18 19

26 27

28 29

Alpha weight: 1.00000e+000
Rho zero: 4.707231e-001
k: 2.166000e+000
a: 0.000000e+000
b: 3.240449e+002
variance a: 0.00000e+000
variance b: 0.00000e+000
covariance ab: 0.000000e+000

0.000000e+000

PRIMARY RESULT Passive multiplicity results Multiplication: 0.001 1.090 +-0.006 Alpha: | Alpha: |Multiplication correction factor: | Pu240e mass (g): | Pu240e (%): 1 000 0.004 35. 574 Pu mass (g) Declared Pu240e mass (g) 3. 110 +-1. 120 0.011 Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 3 148 0. 038 +-1. 194 +-0.335

Passive multiplicity calibration parameters

Spontaneous fission rate: 4.735000e+002

1st factorial moment spontaneous fission: 2.154000e+000

2nd factorial moment spontaneous fission: 3.789000e+000

3rd factorial moment spontaneous fission: 5.211000e+000

1st factorial moment induced fission: 3.163000e+000

2nd factorial moment induced fission: 8.240000e+000

3rd factorial moment induced fission: 1.732100e+001

a: 1.000000e+000

b: 0.000000e+000

c: 0.000000e+000

| sigma x: 0.00000e+000 | alpha weight: 0.000000e+000 | efficiency correction factor: 1.000000e+000

Passive cycle rate data

(3)

サンプルD_30L.txt サンプルD_30L.txt INCC 5.1.2 Coefficient A deadtime: 0. 2904 Coefficient B deadtime: 0.0211 Facility: Material balance area: Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 7930 Detector type: Detector id: Electronics id: Triples gate fraction: 0 6225 AVIS R-123 0.0000 Normalization constant: 1.0000 +-Inventory change code: I/O code: 6. 287 +-Passive singles bkgrnd: 0.086 Measurement date: Results file name: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: 19. 10. 24 11:22:18 0 055 +-0.009 9A0L2218. VER 0.005 +-0.003 Inspection number: Item id: Stratum id: 0.657 D 30L XXXX Passive scaler2 bkgrnd: 2. 743 0. 0000 0. 0000 Bias uncertainty: Random uncertainty: Number passive cycles: Count time (sec): 30 30 Mandom uncertainty:
Relative std deviation:
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
Error calculation: 0. 0000 0. 0000 Passive messages 3. 220 Verification Known alpha: failed stratum rejection limits Multiplicity: failed stratum rejection limits Shift register On Sample method Accidentals method: Inspector name: 1611. 875 +-389. 089 +-Singles: Doubles: 1.303 Passive comment: Triples: 108 760 +-1 154 21. 604 +-0. 197 +-Quads: Quads/Triples: Isotopics id: PU-400025106 0.008 Isotopics source code: Pu238: Scaler 1: Scaler 2: 446. 806 +-249. 431 +-0. 741 0. 609 OD 1.0670 +-0. 9917 +-0.0000 0.0000 Pu239 : Pu240 : 64. 7610 +-25. 1940 +-0. 0000 0. 0000 66. 2221 +-25. 7384 +-0. 0000 0. 0000 Known alpha results 4. 7090 +-4. 2690 +-Pu241: 0.0000 2.6810 +-0.0000 Pu242: 1. 078 Multiplication: 07. 09. 07 Pu date: 19, 10, 24 1.012 5. 2012 +-07. 09. 07 7. 3316 +-19. 10. 24 Multiplication corrected doubles: Pu240e mass (g): 360. 925 +-1. 114 +-Am241: 0.0000 0.0000 0 499 Am date: 0.002 Pu240e mass (g):
Pu mass (g):
Declared Pu240e mass (g): 35 574

1. 50 64. 00 Predelay: Gate length: 64. 00 1740 2nd gate length: High voltage: 30. 0000 Die away time: Efficiency: Multiplicity deadtime: 72, 6000

(1)

(2)

Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%):

Known alpha calibration parameters

3. 131 +-1. 120

3. 148 0. 017 +-

0.536 +-

0.004

0.004

0.137

サンプルD 30L txt

Alpha weight: 1.000000e+000 Rho zero: 4. 707231e-001 2. 166000e+000 0. 000000e+000 3. 240449e+002 variance a 0.000000e+000 0. 000000e+000 0. 000000e+000 variance b: covariance ab: sigma x: 0.000000e+000

PRIMARY RESULT		
Passive multiplicity results		į
Multiplication: Alpha:	1. 013 +- 1. 091 +-	0.001
Multiplication correction factor: Pu240e mass (g): Pu240e (%):	1. 000 1. 106 +- 35. 574	0. 005
Pu mass (g): Declared Pu240e mass (g): Declared Pu mass (g):	3. 108 +- 1. 120 3. 148	0. 015
Declared - assay Pu mass (g): Declared - assay Pu mass (%):	0. 040 +- 1. 261 +-	0. 015

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 2. 154000e+000 3. 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 8 240000e+000 000000e+000 0. 000000e+000 0. 000000e+000 sigma x: 0 000000e+000 alpha weight: efficiency correction factor: 1.000000e+000

Passive cycle rate data

サンプルD 30L txt

	, , ,	2700_00L. txt		
Singles	Doub I es	Triples	Mass	QC Tests
		107. 921		Pass
		116. 111	1. 071	Pass
1602. 401	397. 964	119. 785	1.079	Pass
1617. 138	394. 364	112. 353	1. 108	Pass
		103. 410		Pass
				Pass
1617. 338	393. 130	111. 599		Pass
1611. 703	383. 559	105. 424	1. 101	Pass
1603.668	386. 726	108. 358	1.097	Pass
1618. 505	393. 197	108.867	1. 124	Pass
1614. 237	375. 455	97.837	1. 113	Pass
1617. 238	391. 129	107. 946	1. 121	Pass
1605. 635	381. 657	107. 153	1.081	Pass
1634. 442	393. 466	106. 564	1. 140	Pass
1600.601	385. 592	106. 858	1. 102	Pass
1609. 503	381. 257	110. 592	1.057	Pass
1609. 136	389. 261	106. 568	1. 121	Pass
				Pass
				Pass
				Pass
			1. 139	Pass
			1. 160	Pass
1602. 868	381. 590	103. 201	1. 106	Pass
1599. 801	400. 532	127. 626	1.043	Pass
1625. 240	391. 964	108. 021	1. 124	Pass
1613. 004	389. 461	109. 248	1. 104	Pass
1609. 703	386. 193	102. 352	1. 134	Pass
	1603. 668 1606. 369 1602. 401 1617. 138 1601. 834 1597. 133 1612. 537 1626. 974 1607. 302 1617. 338 1611. 703 1603. 668 1614. 237 1617. 238 1605. 635 1614. 237 1617. 238 1605. 635 1619. 503 1609. 503 1609. 503 1609. 503 1615. 638 1622. 473 1617. 871 1602. 868 1599. 801 1602. 868 1599. 801 1602. 240 1613. 004	Singles Doubles 1603, 068 387, 093 1606, 369 391, 662 1602, 401 397, 964 1617, 138 394, 364 1601, 834 378, 822 1597, 133 380, 822 1597, 133 380, 822 1602, 974 387, 829 1607, 302 406, 335 1617, 338 393, 130 1611, 703 383, 559 1603, 668 386, 726 1618, 505 393, 197 1614, 237 375, 455 1617, 238 391, 129 1605, 635 381, 657 1634, 442 393, 466 1600, 601 385, 592 1609, 503 381, 257 1609, 503 381, 257 1609, 503 381, 257 1609, 503 381, 257 1609, 503 381, 257 1609, 503 381, 257 1609, 503 381, 358 1615, 638 384, 726 1622, 473 402, 035 1617, 871<	1603. 068 387. 093 107. 921 1606. 369 391. 662 116. 111 1602. 401 397. 964 119. 785 1617. 138 394. 364 112. 353 1601. 834 378. 822 103. 410 1597. 133 380. 822 102. 078 1612. 537 385. 193 111. 982 1626. 974 387. 829 100. 145 1607. 302 406. 335 115. 855 1617. 338 393. 130 111. 599 1611. 703 383. 559 105. 424 1603. 668 386. 726 108. 358 1618. 505 393. 197 108. 867 1614. 237 375. 455 97. 837 1617. 238 391. 129 107. 946 1600. 635 381. 657 107. 153 1634. 442 393. 466 06. 564 1600. 601 385. 592 106. 588 1609. 503 381. 257 10. 592 1609. 136 389. 261 06. 568 1607. 936 384. 358 112. 744	Singles Doubles Triples Mass 1603,068 387,093 107,921 1,102 1606,369 391,662 116,111 1,071 1602,401 397,964 119,785 1,079 1617,138 394,364 112,353 1,108 1601,834 378,822 103,410 1,092 1597,133 380,822 102,078 1,110 1612,537 385,193 111,982 1,066 1626,974 387,829 100,145 1,156 1607,302 406,335 115,855 1,143 1617,338 393,130 111,599 1,107 1611,703 383,559 105,424 1,101 1603,668 386,726 108,358 1,097 1618,505 393,197 108,867 1,124 1614,237 375,455 97,837 1,113 1617,238 391,129 107,946 1,121 1605,635 381,657 107,153 1,081 1634,442 393,466 106,564 1,140 1600,601 385,592 106,858 1,102 1609,503 381,257 110,592 1,057 1609,136 389,261 106,568 1,121 1607,936 384,358 112,744 1,058 1615,638 384,726 101,609 1,132 1622,473 402,035 113,061 1,139 1622,473 402,035 113,051 1,139 1617,871 391,330 102,114 1,1605 1622,473 402,035 113,051 1,139 1617,871 391,330 102,114 1,160 1602,868 381,590 103,201 1,106 1599,801 400,532 127,626 1,043 1625,240 391,964 108,021 1,124 1613,004 389,461 109,248 1,104

サンプルD_40L.txt

サンプルD_40L.txt INCC 5.1.2 Coefficient A deadtime: 0. 2904 Coefficient B deadtime: 0.0211 Facility: PPFF Material balance area: XXXX Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 7930 Detector type: Detector id: Electronics id: Triples gate fraction: 0 6225 AVIS R-123 1.0000 +-Normalization constant: Inventory change code: I/O code: 6. 287 +-Passive singles bkgrnd: Measurement date: Results file name: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: 19. 10. 24 13:55:45 0 055 +-0.005 +-Inspection number: Item id: Stratum id: 0.657 D 40L XXXX 0. 0000 Passive scaler2 bkgrnd: 2. 743 Bias uncertainty: Random uncertainty: Number passive cycles: Count time (sec): 30 Mandom uncertainty:
Relative std deviation:
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
Error calculation: 0.0000 Passive messages Pu 3. 220 Verification Known alpha: failed stratum rejection limits Multiplicity: failed stratum rejection limits Shift register On Sample method Accidentals method: Inspector name: 1610. 085 +-387. 861 +-Singles: Doubles: Passive comment: Triples: Quads: Quads/Triples:

Isotopics id: PU-400025106 Isotopics source code: Pu238: OD 1.0670 +-0.9917 +-0.0000 0.0000 64. 7610 +-25. 1940 +-0. 0000 0. 0000 66. 2221 +-25. 7384 +-0. 0000 0. 0000 Pu239 Pu240 4. 7090 +-4. 2690 +-Pu241: 0.0000 2. 6810 +-0.0000 Pu242: 07. 09. 07 Pu date: 19, 10, 24 5. 2012 +-07. 09. 07 7. 3316 +-19. 10. 24 Am241: 0.0000 0.0000 Am date:

1. 50 64. 00 Gate length: 64. 00 1740 2nd gate length: High voltage: 30 0000 Die away time: Efficiency: Multiplicity deadtime: 72, 6000

(1)

Pu240e (%): Pu mass (g): Declared Pu240e mass (g): 1, 120 Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 3. 148 0. 019 +-0.608 +-

Scaler 1: Scaler 2:

Multiplication:

Pu240e (%)

Known alpha calibration parameters

Multiplication corrected doubles: Pu240e mass (g):

Known alpha results

(2)

0.0000

0.086

0.009

108 339 +-

21. 057 +-0. 193 +-

446. 167 +-249. 624 +-

1. 078

1.011

360. 663 +-1. 113 +-

35 574

1.568 1.386

1.009

0.006

0. 749 0. 459

0 482

0.001

0.004

0.004

0.133

サンプルD 40L txt

Alpha weight: 1.000000e+000 Rho zero: 4. 707231e-001 2. 166000e+000 0. 000000e+000 3. 240449e+002 variance a 0.000000e+000 0. 000000e+000 0. 000000e+000 variance b: covariance ab: 0.000000e+000

PRIMARY RESULT Passive multiplicity results Multiplication: 0.001 1.094 +-0.006 Alpha: | Multiplication correction factor: | Pu240e mass (g): | Pu240e (%): 1 000 0.004 35, 574 Pu mass (g) Declared Pu240e mass (g) 3. 100 +-1. 120 0.011 Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 3 148 0. 048 +-1. 536 +-0.335

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 2. 154000e+000 3. 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 240000e+000 000000e+000 0. 000000e+000 0. 000000e+000 c: sigma x: 0 000000e+000 alpha weight: efficiency correction factor: 1.000000e+000

Passive cycle rate data

サンプルD 40L txt

Cycle	Singles	Doub I es	Triples	Mass	QC Tests
1	1596. 033	388. 693	116.004	1. 058	Pass
2	1613. 204	385. 093	105. 724	1. 106	Pass
3	1597. 600	379. 855	101. 248	1, 111	Pass
4	1618. 972	395. 432	109. 845	1. 129	Pass
5	1604. 802	386. 192	108.869	1.091	Pass
6	1598. 200	385. 458	106. 111	1. 106	Pass
7	1604. 435	370. 785	99. 576	1.079	Pass
8	1618. 238	393. 564	117. 043	1.074	Pass
9	1608. 636	390. 828	107. 713	1. 121	Pass
10	1590. 999	379. 121	106. 409	1.074	Pass
11	1609. 903	383. 025	101. 087	1. 127	Pass
12	1607. 636	386. 026	107. 628	1.099	Pass
13	1620. 572	388. 362	106. 511	1. 117	Pass
14	1609. 903	393. 530	110. 028	1. 119	Pass
15	1605. 902	386. 026	112. 411	1.068	Pass
16	1609. 970	383. 125	101. 188	1. 127	Pass
17	1621. 272	395. 098	112. 183	1. 112	Pass
18	1614. 571	393. 497	109.686	1. 121	Pass
19	1607. 402	384. 792	103. 168	1. 122	Pass
20	1607. 436	380. 590	101. 104	1. 115	Pass
21	1625. 240	386. 495	106. 274	1. 109	Pass
22	1607. 369	387. 593	108. 693	1.099	Pass
23	1612. 070	383. 492	103. 970	1. 110	Pass
24	1614. 737	394. 631	109. 549	1. 127	Pass
25	1599. 434	376. 887	106. 467	1.063	Pass
26	1620. 505	404. 669	122. 738	1. 092	Pass
27	1614. 371	396. 231	114. 650	1. 102	Pass
28	1613. 437	397. 165	114. 445	1. 108	Pass
29	1604. 768	378. 455	104. 164	1. 085	Pass
30	1624. 940	401. 135	115. 648	1. 119	Pass

サンプルD_50L.txt サンプルD_50L.txt Coefficient A deadtime: INCC 5.1.2 0. 2904 Coefficient B deadtime: 0.0211 Facility: Material balance area: Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 7930 Detector type: Detector id: Triples gate fraction: 0 6225 AVIS R-123 Electronics id: 0.0000 Normalization constant: 1.0000 +-Inventory change code: I/O code: 6. 287 +-Passive singles bkgrnd: 0.086 Measurement date: Results file name: Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: 19. 10. 24 14:25:28 0 055 +-0 009 0.005 +-Inspection number: Item id: Stratum id: 0.657 Passive scaler2 bkgrnd: 2.743 XXXX Bias uncertainty: Random uncertainty: 0.0000 Number passive cycles: Count time (sec): 30 Systematic uncertainty:
Relative std deviation:
Material type:
Original declared mass: 0.0000 Passive messages 3.220 Verification Known alpha: failed stratum rejection limits Multiplicity: failed stratum rejection limits Measurement option: Data source: QC tests: Error calculation: Shift register On Sample method Accidentals method: Inspector name: 1610. 882 +-389. 596 +-Singles: 1.561 Doubles: Passive comment: Triples: 109 450 +-1.179 21. 929 +-0. 199 +-Quads: Quads/Triples: Isotopics id: PU-400025106 0.005 448. 299 +-248. 550 +-0. 680 0. 512 Isotopics source code: OD Scaler 1: 1.0670 +-0. 9917 +-0.0000 0.0000 Pu238 Scaler 2: 64. 7610 +-25. 1940 +-0. 0000 0. 0000 66. 2221 +-25. 7384 +-0. 0000 0. 0000 Pu239 Pu240 Known alpha results 4. 7090 +-4. 2690 +-Pu241: 0.0000 2 6810 +-0.0000 Pu242: Multiplication: 07. 09. 07 Pu date: 19, 10, 24 1.012 5. 2012 +-07. 09. 07 7. 3316 +-19. 10. 24 Multiplication corrected doubles: Pu240e mass (g): 360. 573 +-1. 113 +-Am241: 0.0000 0.0000 0 498 Am date: 0.002

1. 50 64. 00 Gate length: 64. 00 1740 2nd gate length: High voltage: 30 0000 Die away time: Efficiency:

Multiplicity deadtime: 72, 6000

(1)

サンプルD 50L txt

Alpha weight: 1.000000e+000 Rho zero: 4. 707231e-001 2. 166000e+000 0. 000000e+000 3. 240449e+002 variance a 0.000000e+000 0. 000000e+000 0. 000000e+000 variance b: covariance ab: 0.000000e+000

PRIMARY RESULT Passive multiplicity results Multiplication: 0.001 1.092 +-0.006 Alpha: | Alpha: |Multiplication correction factor: | Pu240e mass (g): | Pu240e (%): 1 000 1. 104 +-0.004 35. 574 Pu mass (g) Declared Pu240e mass (g) 3. 103 +-1. 120 0 011 Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 3 148 0. 045 +-1. 440 +-0.349

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 154000e+000 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 240000e+000 000000e+000 0. 000000e+000 0. 000000e+000 c: sigma x: 0 000000e+000 alpha weight: efficiency correction factor:

1.000000e+000

(3)

Passive cycle rate data

サンプルD 50L txt

(2)

35 574

1, 120

3 148 0.020 +-

0.633 +-

0.004

0.004

0.137

Pu240e (%)

Pu mass (g): Declared Pu240e mass (g):

Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%):

Known alpha calibration parameters

Doubles Triples QC Tests Cycle Singles Mass 394. 366 381. 557 374. 787 1628.374 110.385 1.120 Pass 107. 042 Pass 1605.369 97. 133 1.114 Pass 1618. 338 1607. 602 394. 931 381. 024 109. 275 102. 206 1. 130 1. 110 Pass Pass 389. 727 397. 832 393. 130 1599 300 108. 535 112. 681 1 111 Pass 1. 122 Pass 110.477 1613.370 1.114 Pass 1598. 334 1601. 301 370. 551 386. 926 93. 998 112. 960 1. 116 1. 069 Pass Pass 10 1618 672 389.862 106.362 1 125 Pass 11 12 13 14 15 395. 164 116. 959 1608. 069 1.083 Pass 1610 536 387 594 112,866 1 072 Pass 391. 095 374. 754 112. 697 1605, 002 101.303 1.086 Pass 16 17 1623. 306 1604. 168 385. 194 388. 860 98. 727 111. 846 1 153 Pass 1. 085 Pass 392. 664 397. 232 385. 125 18 19 1619, 672 109. 906 110. 918 1 115 Pass 1605, 802 20 21 22 23 24 25 108.904 1.086 Pass 1612. 304 1628. 674 395. 831 412. 641 115. 710 123. 246 1. 093 1. 126 Pass Pass 121. 180 108. 392 1618, 638 401.334 1 085 Pass 1605, 602 393, 963 110,008 1.121 Pass 26 27 1600. 467 1617. 271 382. 957 389. 529 108. 115 107. 198 1. 081 Pass Pass 115.009 104.663 114.737 392. 563 387. 027 1. 082 1. 122 28 29 1610. 903 Pass 1616. 071 Pass 1618.905 1.106

【AVIS 性能確認試験】

(2) 3.3 サンプルホルダーの設計変更に伴う 中性子・ガンマ線検出器への影響評価 AVIS_サンプルA_1mm. txt AVIS_サンプルA_1mm. txt

INCC 5.1.2

Facility: Material balance area: Detector type: Detector id: Electronics id: AVIS R-123

Inventory change code: I/O code:

Measurement date: Results file name: 19. 11. 26 10:09:58 9BQK0958. VER

Inspection number: Item id: Stratum id: A XXXX Bias uncertainty: Random uncertainty: 0. 0000 0. 0000

Mandom uncertainty:
Relative std deviation:
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
Error calculation: 0. 0000 0. 0000 1.000 Verification Database

Sample method Accidentals method: Inspector name:

Passive comment:

Isotopics id: PU-490020403 Isotopics source code: Pu238:

Am241:

Am date:

1. 1680 +-1.1166 +-0.0000 0.0000 63. 2610 +-26. 6430 +-0. 0000 0. 0000 64. 1215 +-26. 9900 +-0. 0000 0. 0000 Pu239 Pu240 4. 1840 +-4. 7440 +-Pu241: 0.0000 2. 9625 +-0.0000 Pu242: 4. 8095 +-Pu date: 12.06.21 19.11.26

0.0000

4. 4881 +-19. 11. 26

0.0000

1. 50 64. 00 Predelay: Gate length: 64. 00 1740 2nd gate length:

3. 1000 +-11. 12. 08

High voltage: 30. 0000 Die away time: Efficiency: Multiplicity deadtime: 72, 6000

(1)

Coefficient A deadtime: 0. 2904 Coefficient B deadtime: 0.0211 Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 7930 Triples gate fraction: 0 6225

1.0000 +-0.0000 Normalization constant: 7. 220 +-Passive singles bkgrnd: 0.116 Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: 0 045 +-0.012 0.005 +-0.003

0.687 Passive scaler2 bkgrnd: 3. 308

Number passive cycles: Count time (sec): 30

Passive messages

Known alpha: failed stratum rejection limits Multiplicity: failed stratum rejection limits

609. 739 +-126. 401 +-0. 880 0. 661 Singles: Doubles: 33. 424 +-5. 786 +-0. 171 +-Triples: 0.436 Quads: 0. 297 Quads/Triples: 0.007 Scaler 1: Scaler 2: 0. 405 0. 373 91. 701 +-

PRIMARY RESULT . |Known alpha results Multiplication: | Multiplication corrected doubles: 1. 000 126. 401 +-Pu240e mass (g): Pu240e (%): Pu mass (g): 0.390 +-0.002 37. 884 1.030 +-0.005 Declared Pu240e mass (g)
Declared Pu mass (g) 0.374 0.005 Declared - assav Pu mass (g)

(2)

-0.043 +-

AVIS サンプルA 1mm txt

0 000000e+000

	Declared -	- assay Pu m	ass (%):	-4. 388 +-	0.546
77777	777777777	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	"""""""""""""""" """"""""""""""""""""	777777777777777777	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

Known alpha calibration parameters

1.000000e+000 Alpha weight: Rho zero: 4. 707231e-001 2. 166000e+000 0.000000e+000 3. 240449e+002 0. 000000e+000 variance a: variance b: covariance ab: 0.000000e+000 0. 000000e+000

Passive multiplicity results

Multiplication:	1.007 +-	0.001
Alpha:	1.375 +-	0.012
Multiplication correction factor:	1.000	
Pu240e mass (g):	0.370 +-	0.002
Pu240e (%):	37. 884	
Pu mass (g):	0.977 +-	0.006
Declared Pu240e mass (g):	0. 374	
Declared Pu mass (g):	0. 986	
Declared - assay Pu mass (g):	0.009 +-	0.006
Declared - assay Pu mass (%):	0.915 +-	0. 578

sigma x:

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 2. 154000e+000 3. 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 8 240000e+000 000000e+000 0. 000000e+000 0. 000000e+000 c: sigma x: 0 000000e+000

alpha weight: efficiency correction factor: 1.000000e+000

Passive cycle rate data

AVIS サンプルA 1mm txt

			/-/- IIIIII		
Cycle	Singles	Doub I es	Triples	Mass	QC Tests
1	611. 308	125. 244	30. 234	0.388	Pass
2	611. 674	122. 177	29.950	0.375	Pass
3	614. 775	133. 712	37. 494	0.377	Pass
4	604. 807	124. 010	33.868	0.355	Pass
5	613. 508	125. 311	29. 583	0.393	Pass
6	611. 541	130. 145	35. 435	0.374	Pass
7	614. 108	129. 212	35. 154	0.372	Pass
8	604. 474	120. 876	32. 178	0.352	Pass
9	616. 775	128. 845	34. 699	0.373	Pass
10	611. 708	127. 878	37.898	0.346	Pass
11	606. 141	123. 610	32. 294	0.365	Pass
12	614. 841	124. 377	31.058	0.377	Pass
13	610. 174	127. 278	34. 464	0.367	Pass
14	600. 573	119. 376	32.752	0.341	Pass
15	609. 974	126. 444	32. 434	0.378	Pass
16	605. 941	125. 911	31.750	0.380	Pass
17	613. 241	127. 945	34. 679	0.369	Pass
18	600. 507	128. 378	32.684	0.385	Pass
19	606. 774	129. 578	35. 590	0.371	Pass
20	608. 141	122. 210	30. 926	0.368	Pass
21	611. 674	123. 611	31.982	0. 367	Pass
22	610. 741	128. 078	33. 106	0. 381	Pass
23	611. 174	129. 112	34. 872	0. 373	Pass
24	611. 674	127. 378	32.089	0. 385	Pass
25	610. 341	123. 977	31.744	0.370	Pass
26	597. 273	119. 743	30. 744	0. 357	Pass
27	610. 941	125. 111	33. 842	0.361	Pass
28	618. 108	131. 512	37. 692	0.365	Pass
29	608. 141	133. 112	38.096	0.371	Pass
30	611. 108	127. 878	33.416	0.378	Pass

```
AVIS_サンプルA_2mm. txt
```

Facility: Material balance area: Detector type: Detector id: AVIS R-123 Electronics id:

Inventory change code: I/O code:

Measurement date: Results file name: 19. 11. 26 10:32:17 9BQK3217. VER

Inspection number: Item id: Stratum id: XXXX Bias uncertainty: Random uncertainty: 0.0000 Systematic uncertainty: 0.0000

Relative std deviation:
Material type:
Original declared mass: 1.000 Measurement option: Verification Data source: QC tests: Error calculation: Database Sample method

Accidentals method: Inspector name: Passive comment:

Isotopics id: PU-490020403 OD

Isotopics source code: 1. 1680 +-0.0000 1.1166 +-0.0000 63. 2610 +-26. 6430 +-0. 0000 0. 0000 64. 1215 +-26. 9900 +-0. 0000 0. 0000 Pu239 Pu240 Pu241: 0.0000 2 9625 +-0.0000

4. 1840 +-4. 7440 +-Pu242: 4. 8095 +-Pu date: 12.06.21 19.11.26 3. 1000 +-11. 12. 08 4. 4881 +-19. 11. 26 Am241: 0.0000 0.0000 Am date:

1. 50 64. 00 Predelay: Gate length: 64. 00 1740 2nd gate length: High voltage: 30 0000 Die away time: Efficiency: Multiplicity deadtime: 72, 6000

(1)

AVIS_サンプルA_2mm. txt

Coefficient A deadtime: 0. 2904 Coefficient B deadtime: 0.0211 Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 7930 Triples gate fraction: 0 6225

0.0000 Normalization constant: 1.0000 +-Passive singles bkgrnd: 7. 035 +-0.114 Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: 0 078 +-0.023 0. 022 +-

0.645 Passive scaler2 bkgrnd: 3. 285

Number passive cycles: Count time (sec): 30

Passive messages

Known alpha: failed stratum rejection limits Multiplicity: failed stratum rejection limits

611. 886 +-126. 690 +-Singles: 0.829 Doubles: 33. 589 +-5. 617 +-0. 166 +-Triples: 0.461 Quads: 0. 284 Quads/Triples: 0.006 173. 823 +-0.465 91.961 +-Scaler 2: 0.356

PRIMARY RESULT . |Known alpha results Multiplication: Multiplication corrected doubles: 1. 000 126. 690 +-Pu240e mass (g) 0.391 +-0.003 Pu240e (%) Pu mass (g) 37. 884 1.032 +-0.007 Declared Pu240e mass (g)
Declared Pu mass (g) 0.374 0.007 Declared - assay Pu mass (g)

(2)

-0.046 +-

AVIS サンプルA 2mm.txt

0 000000e+000

Declared - assay Pu mass (%):

Known alpha calibration parameters

1.000000e+000 Alpha weight: Rho zero: 4. 707231e-001 2. 166000e+000 0.000000e+000 3. 240449e+002 0. 000000e+000 variance a: variance b: covariance ab: 0.000000e+000 0. 000000e+000

Passive multiplicity results

Multiplication: 0.001 Alpha: Multiplication correction factor: 1 381 +-0.011 Pu240e mass (g): Pu240e (%): Pu mass (g): 0.002 0.370 +-37. 884 0. 978 +-0.006 Declared Pu240e mass (g):
Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 0 374 0.006 0.008 +-0.861 +-0.596

sigma x:

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 154000e+000 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 240000e+000 000000e+000 0. 000000e+000 0. 000000e+000

sigma x: 0 000000e+000 alpha weight: efficiency correction factor: 1.000000e+000

(3)

Passive cycle rate data

AVIS_サンプルA_2mm. txt

QC Tests Cycle Doubles | Triples Singles Mass 618. 793 613. 826 132. 179 124. 744 34. 696 32. 468 0.389 Pass 122.010 608. 126 30.894 0.367 Pass 610. 393 624. 861 122. 244 130. 512 30. 377 33. 741 0. 372 0. 388 Pass Pass 618.060 126, 245 31.949 0.380 Pass 126. 644 0.377 Pass 135.080 36, 255 617, 627 0.393 Pass 625. 927 599. 358 130. 679 126. 877 39. 388 36. 913 0. 349 0. 349 Pass 10 Pass 624 894 134, 113 35 915 0.390 Pass 11 12 13 14 15 607. 759 128. 145 36. 622 0. 356 Pass 33. 917 31. 493 36. 408 608 893 126 711 0.368 Pass 120. 976 0.358 613, 260 130, 545 0.370 Pass 16 17 609. 093 612. 626 120. 310 126. 178 29. 386 33. 825 0 370 Pass 0.366 Pass 18 19 611 026 123.944 32. 938 33. 811 0 362 Pass 125. 744 117. 876 20 21 22 23 24 25 602.992 30.314 0.351 Pass 610. 326 606. 459 129. 545 124. 611 35. 525 34. 332 0. 371 Pass Pass 119. 376 124. 444 134. 112 29. 821 31. 664 606 392 0 362 Pass 611.926 36, 708 0.385 Pass 26 27 620. 360 608. 092 129. 012 121. 110 33. 081 29. 580 0. 385 0. 372 Pass Pass 607. 692 611. 693 126. 178 130. 612 32. 778 35. 324 0. 374 0. 377 28 29 Pass Pass 613, 660 129.945 34, 822 0.378

```
AVIS_サンプルB_1mm. txt
                                                                                         AVIS_サンプルB_1mm. txt
```

Facility: Material balance area: Detector type: Detector id: Electronics id: AVIS R-123

Inventory change code: I/O code:

Measurement date: Results file name: 19. 11. 26 11:37:48 9BQL3748. VER

Inspection number: Item id: Stratum id: XXXX

Bias uncertainty: Random uncertainty: 0. 0000 0. 0000 Mandom uncertainty:
Relative std deviation:
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
Error calculation: 0.0000 9.010 Verification

Database Sample method Accidentals method: Inspector name:

Passive comment:

Isotopics id: PU-490020403 OD

Isotopics source code: Pu238: 1. 1680 +-1.1166 +-0.0000 0.0000 63. 2610 +-26. 6430 +-0. 0000 0. 0000 64. 1215 +-26. 9900 +-0. 0000 0. 0000 Pu239 Pu240 4. 1840 +-4. 7440 +-Pu241: 0.0000 2.9625 +-0.0000 Pu242: 4. 8095 +-12. 06. 21 Pu date: 19.11.26

0.0000

4. 4881 +-19. 11. 26

0.0000

3. 1000 +-11. 12. 08 Am date: 1. 50 64. 00 Predelay: Gate length: 64. 00 1740 2nd gate length: High voltage:

Am241:

30 0000 Die away time: Efficiency: Multiplicity deadtime: 72, 6000

(1)

0.0000

1.0000 +-

30

Coefficient A deadtime: 0. 2904 Coefficient B deadtime: 0.0211 Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 7930 Triples gate fraction: 0 6225

Normalization constant:

Number passive cycles: Count time (sec):

Passive singles bkgrnd: 7. 220 +-0.116 Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: 0 045 +-0.012 0.005 +-

0.687 Passive scaler2 bkgrnd: 3. 308

Passive messages

Known alpha: failed stratum rejection limits Multiplicity: failed stratum rejection limits

5423. 257 +-1194. 416 +-3. 554 2. 964 Singles: Doubles: Triples: 343.461 +-3.508 70. 474 +-0. 203 +-Quads: Quads/Triples: 0.008 Scaler 1: Scaler 2: 1531. 599 +-817. 695 +-1. 443 1. 056

PRIMARY RESULT . |Known alpha results Multiplication: | Multiplication corrected doubles: 1. 000 1194. 416 +-3.686 +-Pu240e mass (g) 0.009 Pu240e (%) Pu mass (g) 37. 884 9. 730 +-0. 024 Declared Pu240e mass (g)
Declared Pu mass (g) 3 367 0.024 Declared - assay Pu mass (g) -0.842 +-

(2)

AVIS サンプルB 1mm txt

Declared - assay Pu mass (%):

Known alpha calibration parameters

1.000000e+000 Alpha weight: Rho zero: 4. 707231e-001 2. 166000e+000 0.000000e+000 a: 3. 240449e+002 0. 000000e+000 variance a: variance b: covariance ab: 0.000000e+000 0. 000000e+000 sigma x: 0.000000e+000

Passive multiplicity results

Multiplication: 0.001 Alpha: Multiplication correction factor: 1 339 +-0.010 Pu240e mass (g): Pu240e (%): Pu mass (g): 3. 316 +-0.016 37. 884 8. 754 +-0.043 Declared Pu240e mass (g):
Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 3 367 0.043 0.133 +-1.501 +-0.480

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 2. 154000e+000 3. 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 240000e+000 000000e+000 0. 000000e+000 0. 000000e+000 c:

sigma x: 0 000000e+000 alpha weight: efficiency correction factor: 1.000000e+000

(3)

Passive cycle rate data

AVIS サンプルB 1mm txt

Cycle	Singles	Doub I es	Triples	Mass	QC Tests
1	5447. 440	1197. 884	339. 320	3.360	Pass
2	5417. 883	1209. 793	343. 448	3. 391	Pass
3	5425. 656	1162. 254	296. 222	3.486	Pass
4	5405. 373	1169. 726	315. 266	3.389	Pass
5	5450. 209	1215. 847	342. 445	3.426	Pass
6	5416. 449	1201. 746	330. 547	3.439	Pass
7	5439. 400	1208. 265	336. 755	3. 428	Pass
8	5427. 657	1221. 481	344. 520	3.440	Pass
9	5434. 663	1203. 122	371. 267	3. 175	Pass
10	5430. 593	1223. 586	393. 191	3. 135	Pass
11	5410. 544	1187. 422	332. 315	3. 358	Pass
12	5429. 892	1180. 985	346. 978	3. 227	Pass
13	5453. 244	1209. 739	362. 157	3. 266	Pass
14	5419. 384	1180. 047	326. 168	3.364	Pass
15	5432. 761	1218. 545	371.960	3. 246	Pass
16	5411. 144	1190. 894	353. 734	3. 231	Pass
17	5393. 330	1189. 653	350. 247	3. 249	Pass
18	5387. 626	1167. 917	326. 417	3. 304	Pass
19	5446. 606	1185. 999	339. 529	3. 301	Pass
20	5413. 480	1194. 634	359.617	3. 211	Pass
21	5442. 936	1198. 250	366. 119	3. 185	Pass
22	5453. 611	1204. 764	345. 795	3.350	Pass
23	5421. 352	1198. 109	361. 494	3. 215	Pass
24	5443. 403	1204. 026	352. 987	3. 299	Pass
25	5387. 259	1197. 563	344. 151	3. 328	Pass
26	5415. 548	1171. 899	325. 506	3. 329	Pass
27	5402. 804	1193. 529	337.099	3. 355	Pass
28	5404. 172	1188. 922	330. 306	3.379	Pass
29	5435. 297	1179. 985	327. 945	3. 351	Pass
30	5398. 001	1175. 899	330. 203	3.316	Pass

```
AVIS_サンプルB_2mm. txt
                                                                                         AVIS_サンプルB_2mm. txt
```

Facility: Material balance area: Detector type: Detector id:

AVIS R-123 Electronics id:

Inventory change code: I/O code:

Measurement date: Results file name: 19.11.26 13:41:23

Inspection number: Item id: Stratum id:

XXXX Bias uncertainty: Random uncertainty: 0.0000 Systematic uncertainty: 0.0000 Relative std deviation:

Material type: Original declared mass: 9.010 Verification Measurement option: Data source: QC tests: Error calculation: Database Sample method

Accidentals method: Inspector name: Passive comment:

Isotopics id: PU-490020403

Isotopics source code: OD

1. 1680 +-0.0000 1.1166 +-0.0000 63. 2610 +-26. 6430 +-0. 0000 0. 0000 64. 1215 +-26. 9900 +-0. 0000 0. 0000 Pu239 Pu240 Pu241: 4. 1840 +-4. 7440 +-0.0000 2 9625 +-0.0000 Pu242: 4. 8095 +-Pu date: 12.06.21 19.11.26 0.0000

3. 1000 +-11. 12. 08 4. 4881 +-19. 11. 26 Am241: 0.0000 Am date:

1. 50 64. 00 Predelay: Gate length: 64. 00 1740 2nd gate length: High voltage: 30 0000 Die away time: Efficiency: Multiplicity deadtime: 72, 6000

(1)

Coefficient A deadtime: 0. 2904 Coefficient B deadtime: 0.0211 Coefficient C deadtime: Doubles gate fraction: 0. 0000 0. 7930 Triples gate fraction: 0 6225

0.0000 Normalization constant: 1.0000 +-Passive singles bkgrnd: 7. 035 +-0.114 0 078 +-0.023

Passive doubles bkgrnd: Passive triples bkgrnd: Passive scaler1 bkgrnd: 0. 022 +-0.645 Passive scaler2 bkgrnd: 3. 285

Number passive cycles: Count time (sec): 30

Declared - assay Pu mass (g)

Passive messages

Known alpha: failed stratum rejection limits Multiplicity: failed stratum rejection limits

5428. 317 +-1201. 727 +-2. 959 2. 899 Singles: Doubles: Triples: 344.318 +-2.446 71. 104 +-0. 206 +-Quads: Quads/Triples: 0.004 1. 246 0. 852 1530. 474 +-

816. 046 +-

-0.902 +-

0.024

PRIMARY RESULT . |Known alpha results Multiplication: | Multiplication corrected doubles: 1. 000 1201. 727 +-3.709 +-Pu240e mass (g) 0.009 Pu240e (%) Pu mass (g) 37. 884 9. 789 +-0. 024 Declared Pu240e mass (g)
Declared Pu mass (g) 3 367

Scaler 2:

(2)

AVIS サンプルB 2mm.txt

0 000000e+000

Declared - assay Pu mass (%): -10.149 +-

Known alpha calibration parameters

1.000000e+000 Alpha weight: Rho zero: 4. 707231e-001 2. 166000e+000 0.000000e+000 3. 240449e+002 0. 000000e+000 variance a: variance b: covariance ab: 0.000000e+000 0. 000000e+000

Passive multiplicity results

Multiplication: 0.001 Alpha: Multiplication correction factor: 1 322 +-0.008 Pu240e mass (g): Pu240e (%): Pu mass (g): 3. 346 +-0.013 37. 884 8. 832 +-0.034 Declared Pu240e mass (g):
Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 3 367 0.034 0.055 +-0.623 +-0.378

sigma x:

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 154000e+000 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 240000e+000 000000e+000 0. 000000e+000 0. 000000e+000

sigma x: 0 000000e+000 alpha weight: efficiency correction factor: 1.000000e+000

(3)

Passive cycle rate data

AVIS_サンプルB_2mm. txt

QC Tests Cycle Doubles Triples Singles Mass 5447, 258 1230. 636 1213. 702 369. 140 347. 809 3. 322 3. 381 Pass 5425. 374 5445. 156 362.545 1210.737 3.268 Pass 1210. 737 1213. 569 1213. 444 1196. 774 1214. 807 5428. 176 5451. 328 352. 438 347. 961 346. 737 3. 349 3. 378 Pass Pass 5423 772 3 306 Pass 5434. 714 5424. 473 348. 314 343. 528 3. 382 Pass 1202. 784 3.356 Pass 5433. 947 5431. 479 1170. 136 1213. 136 323. 024 342. 371 3. 337 3. 414 Pass 10 Pass 11 12 5448 392 1183 696 329. 360 321. 918 3 359 Pass 3. 391 5404. 791 1179. 674 Pass 358. 737 347. 825 332. 811 13 14 5422 205 1212 832 3 304 Pass 3. 237 15 5443, 421 1212. 840 3.477 Pass 16 17 5430 544 1186. 961 1209. 123 343. 552 343. 280 3. 279 3. 389 Pass 5412. 097 Pass 18 19 5422 438 1183 353 340, 794 3 280 Pass 327. 704 341. 850 20 1198, 208 3.346 5418, 869 Pass 5418. 769 5399. 487 1184. 754 1195. 898 321. 968 339. 167 3. 415 3. 353 Pass Pass 21 22 23 24 25 353. 225 325. 953 376. 865 5414 832 1215, 267 3 353 Pass 5443, 288 3, 273 1230, 835 Pass 26 27 5444. 889 5444. 856 1217. 748 1211. 104 350. 688 334. 484 3. 380 3. 457 Pass Pass 5441. 920 5454. 730 1185. 964 1205. 900 352. 875 349. 994 3. 212 3. 327 28 29 Pass Pass 5397.418 1184. 312 352.515 3. 208

```
AVIS_サンプルC_1mm. txt
```

```
AVIS_サンプルC_1mm. txt
INCC 5.1.2
                                                                                                                                                                 Coefficient A deadtime:
                                                                                                                                                                                                               0. 2904
                                                                                                                                                                 Coefficient B deadtime:
                                                                                                                                                                                                               0.0211
  Facility:
Material balance area:
                                                                                                                                                                 Coefficient C deadtime:
Doubles gate fraction:
                                                                                                                                                                                                               0. 0000
0. 7930
             Detector type:
Detector id:
Electronics id:
                                                                                                                                                                   Triples gate fraction:
                                                                                                                                                                                                               0 6225
                                         AVIS R-123
                                                                                                                                                                                                               1.0000 +-
                                                                                                                                                                                                                                   0.0000
                                                                                                                                                                 Normalization constant:
  Inventory change code:
I/O code:
                                                                                                                                                                                                               7. 592 +-
                                                                                                                                                                 Passive singles bkgrnd:
                                                                                                                                                                                                                                   0.119
         Measurement date:
Results file name:
                                                                                                                                                                 Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                        19.11.28 09:56:38
                                                                                                                                                                                                               0 052 +-
                                                                                                                                                                                                                                   0.011
         Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                               0.675
                                                                                                                                                                 Passive scaler2 bkgrnd:
                                                                                                                                                                                                               3.637
                                        XXXX
       Bias uncertainty:
Random uncertainty:
                                        0. 0000
0. 0000
                                                                                                                                                                  Number passive cycles:
Count time (sec):
                                                                                                                                                                                                                   30
Mandom uncertainty:
Relative std deviation:
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
Error calculation:
                                        0.0000
                                                                                                                                                               Passive messages
                                        1.090
Verification
                                                                                                                                                               Known alpha: failed stratum rejection limits
Multiplicity: failed stratum rejection limits
                                        Shift register
On
                                        Sample method
       Accidentals method:
Inspector name:
                                        Measured
JAEA
                                                                                                                                                                                                                                  540. 891 +-
129. 430 +-
                                                                                                                                                                                                        Singles:
                                                                                                                                                                                                        Doubles:
            Passive comment:
                                                                                                                                                                                                         Triples:
                                                                                                                                                                                                           Quads:
                                                                                                                                                                                               Quads/Triples:
```

Isotopics id: PU-400025106 Isotopics source code: Pu238: OD 1.0670 +-0.9911 +-0.0000 0.0000 64. 7610 +-25. 1940 +-0. 0000 0. 0000 66. 2309 +-25. 7416 +-0. 0000 0. 0000 Pu239 Pu240: 4. 7090 +-4. 2690 +-Pu241: 0.0000 2 6690 +-0.0000 Pu242: 07. 09. 07 Pu date: 19, 11, 28 5. 2012 +-07. 09. 07 7. 3439 +-19. 11. 28 Am241: 0.0000 0.0000

1. 50 64. 00 Gate length: 64. 00 1740 2nd gate length: High voltage: 30 0000 Die away time: Efficiency: Multiplicity deadtime: 72, 6000

Am date:

(1)

6. 807 +-0. 189 +-0.006 Scaler 1: Scaler 2: 149. 534 +-83. 741 +-0.372 0.246 Known alpha results Multiplication: 1.010 Multiplication corrected doubles: Pu240e mass (g): 121. 270 +-0. 374 +-0. 242 0. 001 Pu240e (%) 35 576 Pu mass (g):
Declared Pu240e mass (g): 0.002 0.379 Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 1.065 0.002 0.014 +-1. 267 +-0.197

Known alpha calibration parameters

(2)

0.808 0.630

0.451

35.649 +-

AVIS_サンプルC_1mm. txt

Alpha weight: 1.000000e+000 Rho zero: 4. 707231e-001 2. 166000e+000 0. 000000e+000 3. 240449e+002 variance a 0.000000e+000 0. 000000e+000 0. 000000e+000 variance b: covariance ab: 0.000000e+000

PRIMARY RESULT Passive multiplicity results Multiplication: 0.001 1.093 +-0.011 Alpha: | Multiplication correction factor: | Pu240e mass (g): | Pu240e (%): 1 000 0.002 35, 576 Pu mass (g) Declared Pu240e mass (g) 1. 043 +-0. 379 0.007 Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 1 065 0. 022 +-2. 090 +-0.613

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 2. 154000e+000 3. 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 240000e+000 000000e+000 0. 000000e+000 0. 000000e+000 c: sigma x: 0 000000e+000 alpha weight: efficiency correction factor:

1.000000e+000

Passive cycle rate data

AVIS サンプルC 1mm txt

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	543. 430	130. 603	39. 508	0. 352	Pass
2	540. 563	126. 935	31. 928	0. 384	Pass
3	538. 163	129. 769	36. 824	0. 365	Pass
4	531. 429	126. 301	34. 926	0. 361	Pass
5	539. 530	129. 102	37. 167	0.360	Pass
6	539. 163	131. 102	37. 908	0. 365	Pass
7	546. 797	130. 236	34. 115	0. 385	Pass
8	546. 631	129. 569	37. 595	0. 359	Pass
9	539. 263	124. 335	31.010	0.378	Pass
10	542. 230	130. 269	37. 227	0.365	Pass
11	540. 497	131. 136	36. 223	0.376	Pass
12	536. 030	130. 869	35. 174	0.381	Pass
13	543. 830	133. 070	37. 434	0.377	Pass
14	541.964	128. 436	34. 474	0.374	Pass
15	542. 397	126. 735	35.006	0.362	Pass
16	545. 497	128. 802	33. 526	0. 382	Pass
17	539. 497	129. 902	38. 945	0. 352	Pass
18	544. 064	138. 104	42.077	0. 372	Pass
19	532. 630	124. 735	33.690	0.362	Pass
20	537. 363	122. 401	33. 823	0.350	Pass
21	540. 930	126. 902	33. 599	0. 373	Pass
22	536. 296	127. 568	35. 161	0.366	Pass
23	543. 330	131. 136	37. 620	0.366	Pass
24	541. 530	129. 636	35. 509	0. 373	Pass
25	541, 430	128, 802	31, 774	0.394	Pass
26	548, 731	133, 537	35, 579	0.391	Pass
27	541, 264	129, 169	34. 185	0.380	Pass
28	549. 664	137, 737	38, 736	0. 391	Pass
29	539, 163	131, 203	33. 747	0. 392	Pass
30	533, 430	124, 801	34, 984	0. 354	Pass
	555. 400		5 004	3.004	

```
AVIS_サンプルC_2mm. txt
                                                                                                                                                                                                 AVIS_サンプルC_2mm. txt
INCC 5.1.2
                                                                                                                                                         Coefficient A deadtime:
                                                                                                                                                                                                   0. 2904
                                                                                                                                                         Coefficient B deadtime:
                                                                                                                                                                                                   0.0211
  Facility:
Material balance area:
                                                                                                                                                        Coefficient C deadtime:
Doubles gate fraction:
                                                                                                                                                                                                   0. 0000
0. 7930
            Detector type:
Detector id:
Electronics id:
                                                                                                                                                          Triples gate fraction:
                                                                                                                                                                                                   0 6225
                                      AVIS R-123
                                                                                                                                                                                                   1.0000 +-
                                                                                                                                                                                                                      0.0000
                                                                                                                                                        Normalization constant:
  Inventory change code:
I/O code:
                                                                                                                                                                                                   7. 317 +-
                                                                                                                                                         Passive singles bkgrnd:
                                                                                                                                                                                                                       0.100
        Measurement date:
Results file name:
                                                                                                                                                        Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                      19.11.28 10:18:50
                                                                                                                                                                                                   0 055 +-
                                                                                                                                                                                                                       0.010
                                      9BSK1850. VER
                                                                                                                                                                                                   0.003 +-
                                                                                                                                                                                                                       0.002
        Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                   0.702
                                                                                                                                                         Passive scaler2 bkgrnd:
                                                                                                                                                                                                   3. 382
                                      XXXX
       Bias uncertainty:
Random uncertainty:
                                      0. 0000
0. 0000
                                                                                                                                                         Number passive cycles:
Count time (sec):
                                                                                                                                                                                                        30
Mandom uncertainty:
Relative std deviation:
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
Error calculation:
                                      0.0000
                                                                                                                                                       Passive messages
                                      1.090
Verification
                                                                                                                                                       Known alpha: failed stratum rejection limits
Multiplicity: failed stratum rejection limits
                                      Database
                                      Sample method
       Accidentals method:
Inspector name:
                                                                                                                                                                                                                     540. 890 +-
128. 341 +-
                                                                                                                                                                                             Singles:
                                                                                                                                                                                             Doubles:
           Passive comment:
                                                                                                                                                                                              Triples:
                                                                                                                                                                                                                       35.110 +-
                                                                                                                                                                                                                        6. 506 +-
0. 184 +-
                                                                                                                                                                                                Quads:
                                                                                                                                                                                     Quads/Triples:
               Isotopics id:
                                      PU-400025106
  Isotopics source code:
Pu238:
                                                                                                                                                                                            Scaler 1:
Scaler 2:
                                      OD
                                                                                                                                                                                                                      149. 578 +-
                                         1.0670 +-
                                                                             0.9911 +-
                                                                                                                                                                                                                       84. 421 +-
                                                           0.0000
                                                                                              0.0000
```

5. 2012 +-07. 09. 07 Am date: 1. 50 64. 00 Predelay: Gate length: 64. 00 1740 2nd gate length: High voltage: 30 0000

Pu239 Pu240:

Pu241:

Pu242:

Am241:

Pu date:

64. 7610 +-25. 1940 +-

4. 7090 +-4. 2690 +-

07. 09. 07

0. 0000 0. 0000

0.0000

0.0000

66. 2309 +-25. 7416 +-

2 6690 +-

19, 11, 28

7. 3439 +-19. 11. 28

0. 0000 0. 0000

0 0000

0.0000

Die away time: Efficiency: Multiplicity deadtime: 72, 6000

(1)

(2)

Multiplication:

Pu240e (%)

Known alpha results

Multiplication corrected doubles: Pu240e mass (g):

Pu mass (g):
Declared Pu240e mass (g):

Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%):

Known alpha calibration parameters

AVIS_サンプルC_2mm. txt

Alpha weight: 1.000000e+000 Rho zero: 4. 707231e-001 2. 166000e+000 0. 000000e+000 3. 240449e+002 variance a 0.000000e+000 0. 000000e+000 0. 000000e+000 variance b: covariance ab: 0.000000e+000

PRIMARY RESULT Passive multiplicity results Multiplication: 0.001 1. 104 +-0.010 Alpha: | Multiplication correction factor: | Pu240e mass (g): | Pu240e (%): 1 000 0.002 35, 576 Pu mass (g) Declared Pu240e mass (g) 1. 038 +-0. 379 0.006 Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 1 065 0. 027 +-2. 530 +-0.577

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 2. 154000e+000 3. 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 240000e+000 000000e+000 0. 000000e+000 0. 000000e+000 c: sigma x: 0 000000e+000 alpha weight: efficiency correction factor:

1.000000e+000

Passive cycle rate data

AVIS サンプルC 2mm txt

0. 817 0. 650

0. 404 0. 296

0.007

0.378

0.246

0.001

0.002

0.002

0.200

1. 078

1.009

121. 461 +-0. 375 +-

35 576

0.379

1.065

0.012 +-

1.112 +-

Cycle	Singles	Doub I es	Triples	Mass	QC Tests
1	535. 571	123. 765	34. 321	0.353	Pass
2	541. 272	127. 732	36. 599	0.357	Pass
3	538. 938	124. 931	32. 875	0.368	Pass
4	537. 205	129.899	38. 057	0.358	Pass
5	547. 339	130. 933	37. 121	0.369	Pass
6	544. 939	128. 566	33. 793	0.379	Pass
7	531. 538	120. 130	31.764	0.353	Pass
8	544. 272	128. 166	34. 893	0.370	Pass
9	538. 638	126. 798	37. 753	0.345	Pass
10	537. 038	123. 264	31.598	0.369	Pass
11	543. 472	132. 266	38. 432	0.367	Pass
12	536. 505	129. 732	36.082	0.370	Pass
13	539. 972	131. 933	36.776	0.376	Pass
14	545. 306	132. 766	35.024	0.391	Pass
15	531.838	124. 931	35. 253	0.352	Pass
16	545. 172	132. 466	37. 126	0.376	Pass
17	541. 205	129. 199	37. 603	0.357	Pass
18	543. 105	128. 666	34. 446	0. 375	Pass
19	541. 639	127. 299	34. 718	0. 367	Pass
20	544. 739	124. 465	31.359	0.376	Pass
21	543. 272	128. 866	33. 720	0. 381	Pass
22	540. 538	130. 099	32. 674	0.394	Pass
23	547. 606	131. 733	36. 928	0.374	Pass
24	538. 405	126. 565	32.810	0.376	Pass
25	545. 372	132. 333	37. 467	0. 373	Pass
26	546. 306	129. 299	32. 859	0.389	Pass
27	540. 238	127. 132	35. 439	0.362	Pass
28	544. 405	129. 399	35. 224	0.374	Pass
29	536. 571	121. 498	31.980	0.358	Pass
30	534. 271	135. 400	38.612	0.381	Pass

```
AVIS_サンプルD_1mm. txt
                                          AVIS_サンプルD_1mm. txt
INCC 5.1.2
                                                                                                                                                         Coefficient A deadtime:
                                                                                                                                                                                                    0. 2904
                                                                                                                                                        Coefficient B deadtime:
                                                                                                                                                                                                    0.0211
  Facility:
Material balance area:
                                                                                                                                                        Coefficient C deadtime:
Doubles gate fraction:
                                                                                                                                                                                                    0. 0000
0. 7930
            Detector type:
Detector id:
Electronics id:
                                                                                                                                                          Triples gate fraction:
                                                                                                                                                                                                    0 6225
                                       AVIS R-123
                                                                                                                                                                                                    1.0000 +-
                                                                                                                                                                                                                       0.0000
                                                                                                                                                        Normalization constant:
  Inventory change code:
I/O code:
                                                                                                                                                                                                    7. 592 +-
                                                                                                                                                         Passive singles bkgrnd:
                                                                                                                                                                                                                       0.119
        Measurement date:
Results file name:
                                                                                                                                                        Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                      19. 11. 28 11:01:31
                                                                                                                                                                                                    0 052 +-
                                                                                                                                                                                                                       0.011
                                                                                                                                                                                                    0.003 +-
                                                                                                                                                                                                                       0.002
        Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                    0.675
                                                                                                                                                         Passive scaler2 bkgrnd:
                                                                                                                                                                                                    3.637
                                      XXXX
       Bias uncertainty:
Random uncertainty:
                                      0. 0000
0. 0000
                                                                                                                                                          Number passive cycles:
Count time (sec):
                                                                                                                                                                                                        30
Mandom uncertainty:
Relative std deviation:
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
Error calculation:
                                      0. 0000
0. 0000
                                                                                                                                                       Passive messages
                                      3. 220
Verification
                                                                                                                                                       Known alpha: failed stratum rejection limits
Multiplicity: failed stratum rejection limits
                                      Shift register
On
                                      Sample method
       Accidentals method:
Inspector name:
                                      Measured
JAEA
                                                                                                                                                                                                                     1614. 677 +-
389. 662 +-
                                                                                                                                                                                             Singles:
                                                                                                                                                                                                                                            1. 286
0. 977
                                                                                                                                                                                              Doubles:
           Passive comment:
                                                                                                                                                                                              Triples:
                                                                                                                                                                                                                      107 899 +-
                                                                                                                                                                                                                       20. 055 +-
0. 185 +-
                                                                                                                                                                                                 Quads:
                                                                                                                                                                                     Quads/Triples:
               Isotopics id:
                                      PU-400025106
                                                                                                                                                                                                                                            0.005
  Isotopics source code:
Pu238:
                                                                                                                                                                                            Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                            0. 781
0. 540
                                      OD
                                                                                                                                                                                                                      448. 213 +-
                                                                                                                                                                                                                      249. 299 +-
                                         1.0670 +-
                                                                             0.9911 +-
                                                           0.0000
                                                                                               0.0000
                                       64. 7610 +-
25. 1940 +-
                                                           0. 0000
0. 0000
                                                                            66. 2309 +-
25. 7416 +-
                                                                                               0. 0000
0. 0000
                          Pu239
                          Pu240:
                                                                                                                                                        Known alpha results
                                         4. 7090 +-
4. 2690 +-
                          Pu241:
                                                           0.0000
                                                                             2 6690 +-
                                                                                               0 0000
                          Pu242:
                                                                                                                                                                                                                         1. 078
                                                                                                                                                                                   Multiplication:
                                      07. 09. 07
                       Pu date:
                                                                          19, 11, 28
                                                                                                                                                                                                                         1.012
                                     5. 2012 +-
07. 09. 07
                                                                          7. 3439 +-
19. 11. 28
                                                                                                                                                        Multiplication corrected doubles:
Pu240e mass (g):
                                                                                                                                                                                                                      361. 443 +-
1. 115 +-
                          Am241:
                                                           0.0000
                                                                                               0.0000
                                                                                                                                                                                                                                            0 495
                       Am date:
                                                                                                                                                                                                                                            0.002
                                                                                                                                                                                         Pu240e (%)
                                                                                                                                                                                                                       35 576
                                                                                                                                                                    Pu mass (g)
Declared Pu240e mass (g)
                                           1. 50
64. 00
                                                                                                                                                                                                                                            0.004
                     Predelay:
                 Gate length:
                                                                                                                                                                                                                         1, 120
                                                                                                                                                              Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%):
                                       64. 00
1740
                                                                                                                                                                                                                        3. 147
0. 012 +-
           2nd gate length:
```

Known alpha calibration parameters

AVIS_サンプルD_1mm. txt

(1)

Alpha weight: 1.000000e+000 Rho zero: 4. 707231e-001 2. 166000e+000 0. 000000e+000 3. 240449e+002 variance a 0.000000e+000 0. 000000e+000 0. 000000e+000 variance b: covariance ab: sigma x: 0.000000e+000

30. 0000

72, 6000

PRIMARY RESULT		!
 Passive multiplicity results		
l Multiplication:	1.012 +-	0.001
Alpha:	1.081 +-	0.006
Multiplication correction factor:	1.000	į
Pu240e mass (g):	1.114 +-	0.004
Pu240e (%):	35. 576	į
Pu mass (g):	3. 131 +-	0.010
Declared Pu240e mass (g):	1. 120	į
Declared Pu mass (g):	3. 147	į
Declared - assay Pu mass (g):	0.016 +-	0.010
Declared - assay Pu mass (%):	0.520 +-	0. 323
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

Passive multiplicity calibration parameters

High voltage:

Die away time: Efficiency:

Multiplicity deadtime:

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 2. 154000e+000 3. 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 8 240000e+000 000000e+000 0. 000000e+000 0. 000000e+000 sigma x: 0 000000e+000 alpha weight: efficiency correction factor: 1.000000e+000

Passive cycle rate data

AVIS サンプルD 1mm txt

(2)

0.004

0.136

0.387 +-

		AV10_ 9	2 7 700_1111111. CX1		
Cycle	Singles	Doub I es	Triples	Mass	QC Tests
1	1621. 401	383. 997	101. 233	1. 131	Pass
2	1611. 199	379. 894	102. 731	1. 101	Pass
3	1623. 401	388. 966	107. 268	1. 114	Pass
4	1628. 536	404. 607	119. 598	1.110	Pass
5	1616. 967	387. 564	109. 354	1.094	Pass
6	1624. 535	392. 568	111. 275	1. 106	Pass
7	1603. 930	384. 428	102. 833	1. 122	Pass
8	1620. 801	395. 369	110. 984	1. 121	Pass
9	1610. 665	380. 227	105. 490	1. 085	Pass
10	1620. 234	392. 667	107. 080	1. 133	Pass
11	1605. 531	393. 199	112.863	1.099	Pass
12	1601.896	383. 161	108.097	1.082	Pass
13	1611. 565	386. 597	101.026	1. 145	Pass
14	1614. 299	397. 769	111. 194	1. 131	Pass
15	1615. 200	389. 732	113. 150	1.081	Pass
16	1620. 434	395. 068	107. 607	1. 141	Pass
17	1598. 829	393. 198	108. 581	1. 127	Pass
18	1607. 131	385. 662	101.832	1. 135	Pass
19	1608. 865	385. 663	103. 473	1. 124	Pass
20	1609. 331	381. 394	101.900	1. 114	Pass
21	1616. 833	403. 239	118. 103	1. 114	Pass
22	1615. 366	400. 037	114. 904	1. 118	Pass
23	1642. 706	392. 070	109. 106	1. 117	Pass
24	1619. 234	392. 901	105. 262	1. 146	Pass
25	1606. 831	391. 365	114. 927	1. 077	Pass
26	1618. 967	399. 304	114. 522	1. 117	Pass
27	1610. 165	384. 396	105. 802	1. 103	Pass
28	1622. 101	381. 395	101.723	1. 115	Pass
29	1607. 498	378. 793	104. 580	1.084	Pass
30	1605. 864	384. 629	100. 472	1. 139	Pass

```
AVIS_サンプルD_2mm. txt
                                          AVIS_サンプルD_2mm. txt
INCC 5.1.2
                                                                                                                                                         Coefficient A deadtime:
                                                                                                                                                                                                    0. 2904
                                                                                                                                                         Coefficient B deadtime:
                                                                                                                                                                                                    0.0211
  Facility:
Material balance area:
                                                                                                                                                         Coefficient C deadtime:
Doubles gate fraction:
                                                                                                                                                                                                    0. 0000
0. 7930
            Detector type:
Detector id:
Electronics id:
                                                                                                                                                          Triples gate fraction:
                                                                                                                                                                                                    0 6225
                                       AVIS R-123
                                                                                                                                                                                                    1.0000 +-
                                                                                                                                                                                                                       0.0000
                                                                                                                                                         Normalization constant:
  Inventory change code:
I/O code:
                                                                                                                                                                                                    7. 317 +-
                                                                                                                                                         Passive singles bkgrnd:
                                                                                                                                                                                                                        0.100
        Measurement date:
Results file name:
                                                                                                                                                         Passive doubles bkgrnd:
Passive triples bkgrnd:
Passive scaler1 bkgrnd:
                                      19.11.28 10:40:56
                                                                                                                                                                                                    0 055 +-
                                                                                                                                                                                                                        0.010
                                                                                                                                                                                                    0.003 +-
                                                                                                                                                                                                                        0.002
        Inspection number:
Item id:
Stratum id:
                                                                                                                                                                                                    0.702
                                                                                                                                                         Passive scaler2 bkgrnd:
                                                                                                                                                                                                    3. 382
                                      XXXX
       Bias uncertainty:
Random uncertainty:
                                      0. 0000
0. 0000
                                                                                                                                                          Number passive cycles:
Count time (sec):
                                                                                                                                                                                                         30
Mandom uncertainty:
Relative std deviation:
Material type:
Original declared mass:
Measurement option:
Data source:
QC tests:
Error calculation:
                                      0. 0000
0. 0000
                                                                                                                                                       Passive messages
                                      3. 220
Verification
                                                                                                                                                       Known alpha: failed stratum rejection limits
Multiplicity: failed stratum rejection limits
                                      Database
                                      Sample method
       Accidentals method:
Inspector name:
                                                                                                                                                                                                                     1612. 243 +-
389. 586 +-
                                                                                                                                                                                                                                             1.887
1.519
                                                                                                                                                                                              Singles:
                                                                                                                                                                                              Doubles:
           Passive comment:
                                                                                                                                                                                               Triples:
                                                                                                                                                                                                                       109 459 +-
                                                                                                                                                                                                                       21. 536 +-
0. 195 +-
                                                                                                                                                                                                 Quads:
                                                                                                                                                                                     Quads/Triples:
               Isotopics id:
                                      PU-400025106
                                                                                                                                                                                                                                             0.007
  Isotopics source code:
Pu238:
                                                                                                                                                                                             Scaler 1:
Scaler 2:
                                                                                                                                                                                                                                             0. 753
0. 590
                                                                                                                                                                                                                       447. 999 +-
                                                                                                                                                                                                                      248. 686 +-
                                         1.0670 +-
                                                                             0.9911 +-
                                                           0.0000
                                                                                               0.0000
                          Pu239 :
Pu240 :
                                       64. 7610 +-
25. 1940 +-
                                                           0. 0000
0. 0000
                                                                            66. 2309 +-
25. 7416 +-
                                                                                               0. 0000
0. 0000
                                                                                                                                                         Known alpha results
                                         4. 7090 +-
4. 2690 +-
                          Pu241:
                                                           0.0000
                                                                             2.6690 +-
                                                                                               0 0000
                          Pu242:
                                                                                                                                                                                                                         1. 078
                                                                                                                                                                                   Multiplication:
                                      07. 09. 07
                       Pu date:
                                                                           19, 11, 28
                                                                                                                                                                                                                         1.012
```

Declared Pu mass (g):
Declared - assay Pu mass (g):
Declared - assay Pu mass (%): 64. 00 1740 2nd gate length: High voltage: 30. 0000 Die away time: Efficiency: Multiplicity deadtime: Known alpha calibration parameters 72, 6000

0.0000

7. 3439 +-19. 11. 28

0.0000

AVIS_サンプルD_2mm. txt

(1)

Alpha weight: 1.000000e+000 Rho zero: 4. 707231e-001 2. 166000e+000 0. 000000e+000 3. 240449e+002 variance a 0.000000e+000 0. 000000e+000 0. 000000e+000 variance b: covariance ab: sigma x: 0.000000e+000

5. 2012 +-07. 09. 07

1. 50 64. 00

Am241:

Am date:

Predelay: Gate length:

PRIMARY RESULT		
Passive multiplicity results		i
		- 1
Multiplication:	1.013 +-	0.001
. Alpha:	1.094 +-	0.006
Multiplication correction factor:	1.000	į
Pu240e mass (g):	1.104 +-	0.004
Pu240e (%):	35. 576	į
Pu mass (g):	3. 102 +-	0.011
Declared Pu240e mass (g):	1. 120	į
Declared Pu mass (g):	3. 147	į
Declared - assay Pu mass (g):	0.046 +-	0.011
Declared - assay Pu mass (%):	1.447 +-	0.350

Passive multiplicity calibration parameters

Spontaneous fission rate: 4. 735000e+002 1st factorial moment spontaneous fission: 2nd factorial moment spontaneous fission: 2. 154000e+000 3. 789000e+000 2nd factorial moment spontaneous fission: 3rd factorial moment spontaneous fission: 1st factorial moment induced fission: 2nd factorial moment induced fission: 3rd factorial moment induced fission: 5. 211000e+000 3. 163000e+000 8 240000e+000 000000e+000 0. 000000e+000 0. 000000e+000 c: sigma x: 0 000000e+000 alpha weight: efficiency correction factor: 1.000000e+000

Passive cycle rate data

AVIS サンプルD 2mm txt

(2)

Multiplication corrected doubles: Pu240e mass (g):

Pu240e mass (g):
Pu mass (g):
Declared Pu240e mass (g):

1.269

0.567 0.002

0.005

0.005

0.156

360. 809 +-1. 113 +-

3. 147 0. 018 +-

0.561 +-

35 576 3. 130 +-1. 120

		AV 13_ 9	J J /VU_ZIIIII. LX L		
Cycle	Singles	Doub I es	Triples	Mass	QC Tests
1	1622. 276	389. 663	107. 738	1. 115	Pass
2	1625. 944	393. 565	113. 436	1. 097	Pass
3	1629. 111	402. 603	124. 544	1.070	Pass
4	1614. 508	394. 397	113. 080	1. 103	Pass
5	1609. 706	379. 590	98. 706	1. 127	Pass
6	1608. 073	397. 431	120. 759	1.070	Pass
7	1605. 639	385. 726	108. 298	1.093	Pass
8	1614. 208	398. 766	119. 533	1.084	Pass
9	1617. 142	401.835	117. 148	1. 113	Pass
10	1613. 641	391. 596	153. 511	0.851	Fail outlier
test					
11	1585. 201	381. 655	107. 790	1.077	Pass
12	1606. 872	380. 323	101. 246	1. 113	Pass
13	1616. 841	390. 729	112. 379	1.090	Pass
14	1626. 410	408. 572	119.878	1. 127	Pass
15	1599. 971	385. 392	106. 021	1. 106	Pass
16	1612. 874	388. 094	115. 379	1.059	Pass
17	1620. 342	396. 599	106. 641	1. 155	Pass
18	1610. 240	387. 160	108. 823	1.096	Pass
19	1616. 108	395. 365	110. 770	1. 123	Pass
20	1613. 974	388. 561	106. 592	1. 117	Pass
21	1599. 938	383. 057	102. 521	1. 118	Pass
22	1603. 872	375. 921	100. 226	1.099	Pass
23	1612. 040	392. 530	110.879	1. 108	Pass
24	1605. 405	375. 254	98.067	1. 110	Pass
25	1617. 875	390. 696	113. 188	1. 085	Pass
26	1623. 010	389. 763	109.379	1. 105	Pass
27	1612. 240	382. 225	99. 437	1. 134	Pass
28	1626. 710	394. 966	107. 982	1. 138	Pass
29	1592. 536	376. 320	101.689	1.091	Pass
30	1618. 075	396. 032	115. 106	1.098	Pass
31	1600. 138	384. 791	106.466	1.100	Pass

HRGS_サンプルA_1mm. txt HRGS_サンプルA_2mm.txt

MGA REPORT

11/26/19 11:34:12 AM

MGA version: MGA V9.63F CI

Report generated on:

Spectrum ID: HRGSD_MD Sens: 30.0% LT: 15.0 Mins DT: 0.58 Measurement date: 11/26/19 Declared date:

Sample ID: A 1mm Detector: HRGSD Total counts: 3.471E+005

Operator:

Pu g/cm2 = 1.0351 QFIT = 1.00 NQFIT = 1.00 FWHM at 122 keV = 524 eV FWHM at 208 keV = 658 eV Cd g/cm2 = 1.7295

Isotope analysis at

Isotope Relative %* % Relative %* Meas date Decl date to Pu-239 Err Err to Pu-241 Err % weight %Err % weight %Err 0 016763 5 0 1 6 0 3835 2 1 1 09926 3 47 1 09926 3 47 Pu-238 0.016763 5.0 1.6 1.000000 0.0 4.8 0.416538 5.6 2.9 0.043709 4.6 1.3 (New alg.) 0.066822 4.9 0.8 0.3835 2.1 1.09926 3.47 1.09926 3.47 22.8787 5.0 65.57545 1.82 65.57545 1.82 9.5298 3.2 27.31464 3.72 27.31464 3.72 1.0000 0.0 2.86623 3.12 2.86623 3.12 1.0971 (13) 3.14442 (13) 3.14442 (13) 1.5288 1.5 4.38188 3.33 4.38188 3.33 Pu-239 Pu-240

Pu-240 effective (meas. date) = 35.367 + /- 4.67% Approx. U/Pu ratio by fluorescence x-rays equals 3.14 +/- 7.88% Pu x-ray fluorescence intensity equals 1.5609E+008 +/- 6.5% Am-241 separated about 19.203 +/- 0.322 years ago Am/Pu-241 weight ratio = 1.52880 + /- 1.51%

Messages :

Am-241

 $\label{eq:pu-241/Pu-239} \text{ efficiency changed in MGACAL by} \quad 3\%.$

Notes : * = Error in ratio Errors quoted at 1.000 sigma MGA sigma defaulted to 1

(1)

HRGS_サンプルB_1mm. txt

Report generated on: 11/26/19 2:39:18 PM

MGA version: MGA V9.63F CI

Sample ID: B 1mm Detector: HRGSD Total counts: 1.693E+006

Operator.

Pu g/cm2 = 2.4869FWHM at 122 keV = 532 eV FWHM at 208 keV = 668 eV Cd g/cm2 = 1.7866

NQFIT = 1.00

Isotope analysis at as. date Decl. date

0.017083 3.0 0.8 0. 3772 1. 1 1.11936 2.14 1.11936 2.14 Pu-238 0.01/083 3.0 0.8 0.37/2 1.1 i.11936 2.14 1.11936 2.14 1.100000 0.0 3.0 22.0784 3.1 65.52399 1.15 65.52399 1.15 60.414615 3.3 1.5 9.1540 1.6 27.16709 2.25 27.16709 2.25 0.045293 2.9 0.6 1.0000 0.0 2.96777 1.98 (New alg.) 1.0857 (11) 3.22209 (11) 3.22209 (11) 0.068788 3.0 0.4 1.5187 0.8 4.50726 2.07 4.50726 2.07 Pu-239 Pu-240 Pu-242 Am-241

Pu-240 effective (meas. date) = 35.401 +/- 3.11% ru=240 ellective (meas. date) = 35.401 +/- 3.11% Approx. U/Pu ratio by fluorescence x-rays equals 2.74 +/- 2.87% Pu x-ray fluorescence intensity equals 2.4952E+008 +/- 2.2% Am-241 separated about 19.169 +/- 0.178 years ago Am/Pu-241 weight ratio = 1.51874 +/- 0.77%

Messages :

Notes : * = Error in ratio Errors quoted at 1.000 sigma MGA sigma defaulted to 1

MGA REPORT

11/26/19 11:15:02 AM Report generated on:

MGA version: MGA V9.63F CI

Spectrum ID: HRGSD_MD Sens: 30.0% LT: 15.0 Mins DT: 0.56 Measurement date: 11/26/19

Sample ID: A 2mm Detector: HRGSD Total counts: 3.387E+005

Operator:

FWHM at 122 keV = 525 eV FWHM at 208 keV = 646 eV Cd g/cm2 = 1.7199

 $\begin{array}{ll} \text{Pu g/cm2} = 0.9093 \\ \text{QFIT} = 1.00 \\ \text{NQFIT} = 1.00 \end{array}$

Isotope analysis at Isotope Relative %* % Relative %* Meas. date Decl. date to Pu-239 Err Err to Pu-241 Err % weight %Err % weight %Err 0 017292 5 0 1 6 0 3758 2 1 1 12401 3 50 Pu-238 1 12401 3 50

0. 01/292 5. 0 1. 6 1. 000000 0. 0 4. 8 0. 424871 5. 6 3. 0 0. 046009 4. 6 1. 3 (New alg.) 0. 067748 4. 9 0. 8 0. 3/88 2.1 1. 1.2401 3.50 1. 1.2401 21. 7348 5.0 65.00101 1. 88 65.00101 9. 2345 3.2 27. 61703 3. 76 27. 61703 1. 0000 0.0 2. 99065 3.14 2. 99065 1. 0925 1.3 3. 26732 (13) 3. 26732 1. 4725 1.5 4. 40368 3. 35 4. 40368 Pu-239 1.88 3.76 Pu-240 Pu-241 Pu-242 2. 99065 3. 14 3. 26732 (13) Am-241 4, 40368 3, 35

Pu-240 effective (meas. date) = 35.939 +/- 4.69% Approx. U/Pu ratio by fluorescence x-rays equals 2.79 +/- 8.41% Pu x-ray fluorescence intensity equals 1.5952E+008 +/- 6.7% Am-241 separated about 18.802 +/- 0.326 years ago Am/Pu-241 weight ratio = 1.47248 +/- 1.52%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 2%.

Notes : * = Error in ratio Errors quoted at 1.000 sigma MGA sigma defaulted to 1

(1)

HRGS_サンプルB_2mm. txt

Report generated on: 11/26/19 2:19:50 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGSD_MD Sens: 30.0% LT: 15.0 Mins DT: 2.84 Measurement date: 11/26/19 Declared date:

Sample ID: B 2mm Detector: HRGSD Total counts: 1.687E+006

Onerator.

 $\begin{array}{ll} Pu & g/cm2 = 2.4791 \\ QFIT & = 1.15 \\ NQFIT = 1.01 \end{array}$ FWHM at 122 keV = 536 eV FWHM at 208 keV = 664 eV Cd g/cm2 = 1.7850

Isotope analysis at as. date Decl. date

0.017437 3.3 0.9 0. 3751 1. 2 1. 13001 2. 28 1. 13001 2. 28 0.01/43/ 3.3 0.9 0.37/51 1.2 1.13001 2.28 1.13001 2.28 1.00000 0.0 3.2 2.15135 3.5 64.80534 1.26 64.80534 1.26 64.9054 1.2 Pu-239 Pu-240 Pu-241 Pu-242 Am-241

Pu-240 effective (meas. date) = 36.181 +/- 3.28% Approx. U/Pu ratio by fluorescence x-rays equals 2.95 +/- 3.06% Pu x-ray fluorescence intensity equals 2.4623E+008 +/- 2.3% Am-241 separated about 19.304 +/- 0.186 years ago Am/Pu-241 weight ratio = 1.53155 +/- 0.81%

Messages :

Notes : * = Error in ratio Errors quoted at 1.000 sigma MGA sigma defaulted to 1

(1)

HRGS_サンプルC_1mm. txt HRGS_サンプルC_2mm. txt

MGA REPORT

11/27/19 10:01:08 AM

MGA version: MGA V9.63F CI

Report generated on:

 Spectrum ID: HRGSD_MD
 Sens:
 30.0%
 LT:
 15.0 Mins
 DT:
 0.37

 Measurement date:
 11/27/19
 Declared date:
 Declared date:

Sample ID: C 1mm Detector: HRGSD Total counts: 2.085E+005

Operator:

Pu g/cm2 = 5.0000 QFIT = 1.00 NQFIT = 1.00 FWHM at 122 keV = 520 eV FWHM at 208 keV = 644 eV Cd g/cm2 = 1.7523

Isotope analysis at Isotope Relative %* % Relative %* Meas date Decl date to Pu-239 Err Err to Pu-241 Err % weight %Err % weight %Err

0 014348 8 9 2 7 0 3763 3 5 0 97943 6 46 0 97943 6 46 Pu-238 0.014348 8.9 2.7 0.3763 3.5 0.97943 6.46 0.97943 6.46 0.0000 0.0 8.6 26.2302 8.9 68.26468 3.00 68.26468 3.00 60.365564 9.7 4.6 9.5888 5.1 24.95512 6.85 24.95512 6.85 0.038124 8.3 2.2 1.0000 0.0 2.60252 5.86 2.60252 5.86 (New alg.) 1.2289 (18) 3.19824 (18) 3.19824 (18) 3.105519 8.7 1.0 2.7678 2.4 7.20321 6.14 7.20321 6.14 Pu-239 Pu-240

Am-241

Pu-240 effective (meas. date) = 32.796 +/- 8.42% Approx. U/Pu ratio by fluorescence x-rays equals 5.37 +/- 10.86% Pu x-ray fluorescence intensity equals 1.5009E+008 +/- 9.8% Am-241 separated about 27.549 +/- 0.405 years ago Am/Pu-241 weight ratio = 2.76778 +/- 2.36%

Messages :

Notes : * = Error in ratio Errors quoted at 1.000 sigma MGA sigma defaulted to 1

(1)

HRGS_サンプルD_1mm. txt

Report generated on: 11/27/19 10:59:39 AM

MGA version: MGA V9.63F CI

Sample ID: D 1mm Detector: HRGSD Total counts: 4.636E+005

Operator.

Pu g/cm2 = 3.9605FWHM at 122 keV = 499 eV FWHM at 208 keV = 611 eV Cd g/cm2 = 1.7948

NQFIT = 1.00

Isotope analysis at as. date Decl. date

 0.015705
 6.8
 1.9
 0.3732
 2.5
 1.04198
 4.77
 1.04198
 4.77

 1.000000
 0.0
 6.6
 23.7662
 6.8
 66.34783
 2.43
 66.34783
 2.43

 0.394332
 7.4
 3.4
 9.3718
 3.7
 26.16305
 5.04
 26.16305
 5.04

 0.042077
 6.4
 1.5
 1.0000
 0.0
 2.79169
 4.39
 2.79169
 4.39

 (New als
)
 1.3094 (16)
 3.65544
 (16)
 3.65544
 (16)

 0.115705
 6.7
 0.7
 2.7499
 1.7
 7.67680
 4.57
 7.67680
 4.57
 Pu-239 Pu-240 Pu-242

Pu-240 effective (meas. date) = 34.930 +/- 6.42% Approx. U/Pu ratio by fluorescence x-rays equals 4.80 +/- 6.76% Pu x-ray fluorescence intensity equals 1.9306E+008 +/- 6.0% Am-241 separated about 27.501 +/- 0.298 years ago Am/Pu-241 weight ratio = 2.74987 +/- 1.68%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 1%.

Notes : * = Error in ratio Errors quoted at 1.000 sigma MGA sigma defaulted to 1

MGA REPORT

11/27/19 10:21:56 AM Report generated on:

MGA version: MGA V9.63F CI

Spectrum ID: HRGSD_MD Sens: 30.0% LT: 15.0 Mins DT: 0.38 Measurement date: 11/27/19 Declared date:

Sample ID: C 2mm Detector: HRGSD Total counts: 2.150E+005

Operator:

 $\begin{array}{ll} Pu \ \ g/cm2 \ = \ 2.0707 \\ QFIT \ \ = \ 1.05 \\ NQFIT \ \ = \ 1.00 \end{array}$ FWHM at 122 keV = 512 eV FWHM at 208 keV = 633 eV Cd g/cm2 = 1.7623

Isotope analysis at

Isotope Relative %* % Relative %* Meas. date Decl. date to Pu-239 Err Err to Pu-241 Err % weight %Err % weight %Err Pu-238

 0.015556
 8.3
 2.6
 0.3821
 3.4
 1.03577
 6.02
 1.03577
 6.02

 1.000000
 0.0
 8.1
 24.5650
 8.6
 66.58513
 3.02
 66.58513
 3.02

 0.392675
 9.2
 4.6
 9.6461
 5.2
 26.14631
 6.42
 26.14631
 6.42
 26.14631
 6.42
 20.040708
 7.8
 2.1
 1.0000
 0.0
 2.71057
 5.44
 2.71057
 5.44
 2.71057
 5.44
 2.71057
 5.44
 2.71057
 5.42
 2.71057
 5.42
 2.71057
 5.71
 7.21346
 5.71
 7.21346
 5.71
 7.21346
 5.71
 7.21346
 5.71
 7.21346
 5.71
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 7.21346
 5.71
 7.21346
 5.71
 7.21346
 5.71
 7.21346
 5.71
 7.21346
 5.71
 7.21346
 < Pu-239 Pu-240 Pu-241 Pu-242 Am-241

Pu-240 effective (meas. date) = 34.674 +/- 7.84% Approx. U/Pu ratio by fluorescence x-rays equals 4.64 +/- 10.01% Pu x-ray fluorescence intensity equals 1.7658E+008 +/- 8.7% Am-241 separated about 26.868 +/- 0.404 years ago Am/Pu-241 weight ratio = 2.66123 +/- 2.30%

Messages :

Notes : * = Error in ratio Errors quoted at 1.000 sigma MGA sigma defaulted to 1

(1)

HRGS_サンプルD_2mm. txt

Report generated on: 11/27/19 11:24:49 AM

MGA version: MGA V9.63F CI

Spectrum ID: HRGSD_MD Sens: 30.0% LT: 15.0 Mins DT: 0.89 Measurement date: 11/27/19 Declared date:

Sample ID: D 2mm Detector: HRGSD Total counts: 5.038E+005

Onerator.

 $\begin{array}{ll} Pu & g/cm2 = 5.0000 \\ QFIT & = 1.00 \\ NQFIT = 1.00 \end{array}$ FWHM at 122 keV = 549 eV FWHM at 208 keV = 687 eV Cd g/cm2 = 1.7989

Isotope analysis at Isotope Relative %* % Relative %* Meas. date Decl. date to Pu-239 Err Err to Pu-241 Err % weight %Err % weight %Err

0.014773 6.1 1.7 0.3777 2.2 1.00145 4.35 1.00145 4.35 1.000000 0.0 5.9 25.5657 6.1 67.79108 2.09 67.79108 2.09 0.372610 6.6 3.0 9.5260 3.3 25.25963 4.61 25.25963 4.61 0.039115 5.7 1.4 1.00000 0.0 2.65164 4.02 2.65164 4.02 (New alg.) 1.2431 (15) 3.29619 (15) 3.29619 (15) 0.106399 6.0 0.6 2.7202 1.5 7.21291 4.18 7.21291 4.18 Pu-239 Pu-240 Pu-241 Pu-242 Am-241

Pu-240 effective (meas. date) = 33.321 +/- 5.85% Approx. U/Pu ratio by fluorescence x-rays equals 5.37 +/- 6.98% Pu x-ray fluorescence intensity equals 1.5405E+008 +/- 6.3% Am-241 separated about 27.344 +/- 0.269 years ago Am/Pu-241 weight ratio = 2.72017 +/- 1.48%

Messages :

Notes : * = Error in ratio Errors quoted at 1.000 sigma MGA sigma defaulted to 1

(1)

(1)

【IPCA 性能確認試験】

(1) 4.1 長期管理限界の妥当性確認

LA-UR-20-22554

Annual IPCA2 Performance Report for JFY19

Prepared for:

Japan Atomic Energy Agency

Prepared by:

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March 2020

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Acronyms

cps counts per second HPGe High Purity Germanium

IPCA2 Improved Plutonium Canister Assay System 2

LANL Los Alamos National Laboratory

MIC Multi-Instrument Collect

1. Overview

This report summarizes the results of monthly control measurements of IPCA2 performed over the period of April 2019 through March 2020 and represents an annual performance overview for JFY19. Monthly measurements of Plutonium neutron detection efficiency, AmLi stability, Curium stability and HPGe gamma spectra of Plutonium standards were performed and analyzed, when nuclear materials were available. Note that there were a few periods when nuclear material use was restricted during the reporting period that affected some monthly measurements and they are reported in this document. All the results are shown with respect to the updated control bounds established based on JFY18 data. Current data (for JFY19) will be used to establish new control bounds for JFY20 and these new control bounds are summarized in Appendix A. This report also documents rotation of IPCA2 performed during JSGO/NMCC/JAEA visit in July 2019 as well as long-term horizontal test to evaluate effects of prolonged horizontal configuration on IPCA2 performance for shipping considerations. Based on Pu efficiency measurements, the performance of the IPCA2 during this reporting period was stable within 0.7% at 1 σ level, which includes the performance before and after both IPCA2 rotations. Measurements were compared to room temperature and humidity and no dependence was observed. During September 2019 IPCA2 MIC was upgraded to MIC3 to fully support JSR15 and DSPEC50 capability and current report therefore represents the first MIC3 test in unattended mode for JSR15.

2. Plutonium Efficiency

2.1. Efficiency Monitoring

Plutonium efficiency measurements were performed between April 2019 and March 2020. The LANL Plutonium standard, FZC157 (823.6 neutrons s⁻¹ emission rate), was used in all measurements. This source was placed in the IPCA2 for a duration of 1800 s during which 60 cycles of 30 s were used to calculate a Singles rate (in counts per second, cps). The Singles rate was divided by source activity to determine an efficiency as shown in Figure 1. Average efficiency corresponding to the JFY19 control period was calculated and corresponds to 7.30 ± 0.05 . All measurements were within the control chart 2σ bands, denoted with dotted lines in Figure 1. Note that there were several instances between April 2019 and March 2020 with restrictions on use of Plutonium-bearing materials. These windows correspond to periods of July-August, November-January and March 2020. Therefore, only limited number of control measurements using the Plutonium standard could be performed. The other sources (AmLi and Cm) were not affected by these restrictions and regular monthly measurements were performed as reported in Section 3 of this document. These measurements along with the performed Pu-efficiency measurements provide a good overview of the overall IPCA2 performance during the JFY19 reporting period and confirm its stability and reproducibility. In addition to these regular measurements, series of surrogate efficiency measurements was performed during July-August and November-January timeframe using ²⁵²Cf source. These results are reported in Section 8 and were performed to establish IPCA2 performance before and after rotations. Also these measurements confirm IPCA2 stable performance.

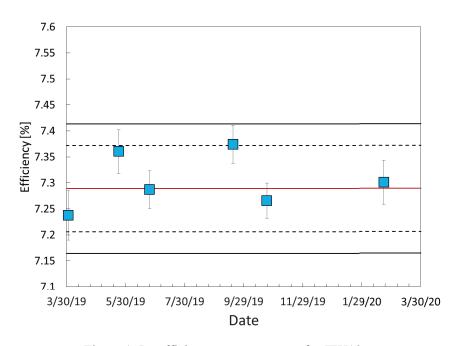


Figure 1: Pu efficiency measurements for JFY19.

Updated control bounds will be established based on the data shown in Figure 1 for use in JFY20 measurements. The updated control bounds are provided for reference in Appendix A. All the Pu efficiency measurements since May 2013 are summarized in Figure 2. Note that these measurements are plotted against the original control bounds established from 2013-2017 data in [1].

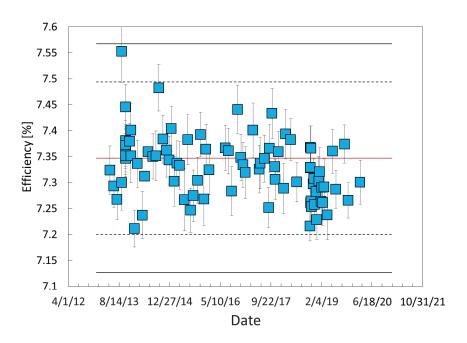


Figure 2: Pu efficiency measurements for May 2013 – March 2020.

2.1. Efficiency Dependence on Environmental Conditions

Room temperature and humidity data has been collected alongside IPCA2 measurements. JFY19 Plutonium efficiency measurements exhibit no dependence on humidity, Figure 3, or room temperature, Figure 4. Updated control bounds established from this JFY19 data and reported in Appendix A will be used for JFY20 control charts.

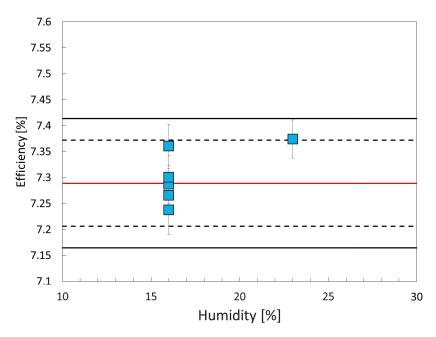


Figure 3: JFY19 Pu efficiency measurements as a function of humidity.

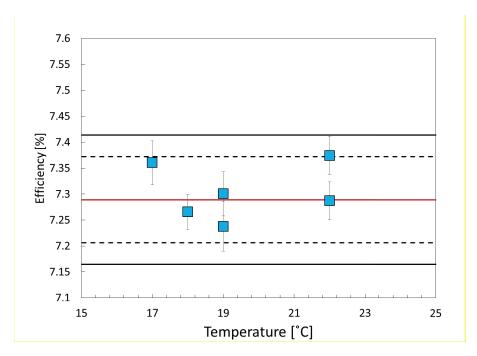


Figure 4: JFY19 Pu efficiency measurements as a function of room temperature.

3. AmLi Stability

3.1. AmLi Stability Measurements

AmLi stability measurements performed between April 2019 and March 2020 are summarized in Figure 5, with an average (decay corrected) count rate of 244504 ± 56 . Overview of all decay corrected AmLi stability data from May 2013 is shown in Figure 6 against the original control bounds established in [1]. Note that the decay correction on the AmLi data is with respect to 01/12/2017, when the original control bounds were established. Most results were within the 3σ control lines, however a few results near or outside 3σ were observed. As discussed in previous reports [e.g. 2], it is believed that source positioning and redistribution of contents of AmLi sources resulted in the observed variation of count rates. To mitigate this issue, we began to perform a Curium stability measurement in October 2018, to assess its feasibility as an alternative to AmLi; those measurements are described in the next section. No dependence of AmLi count rate on humidity or room temperature was observed, as shown in Figure 7 and Figure 8, respectively. New control bounds were established based on all JFY19 data for use in JFY20 control measurements and are reported in Appendix A.

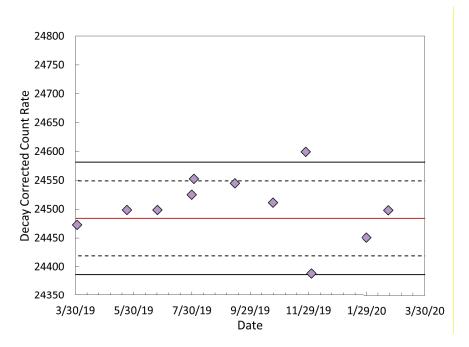


Figure 5: AmLi stability measurements for JFY19. Note that error bars are smaller than the size of symbols.

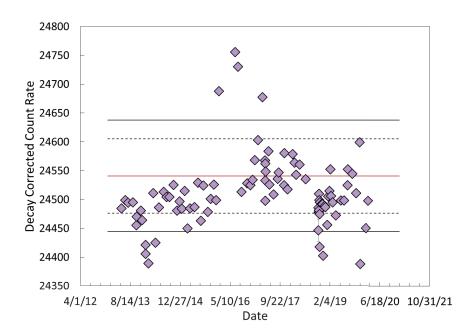


Figure 6: AmLi stability measurements from May 2013 – March 2020.

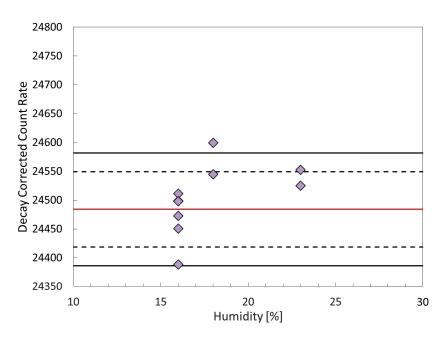


Figure 7: JFY19 AmLi stability measurements as a function of humidity.

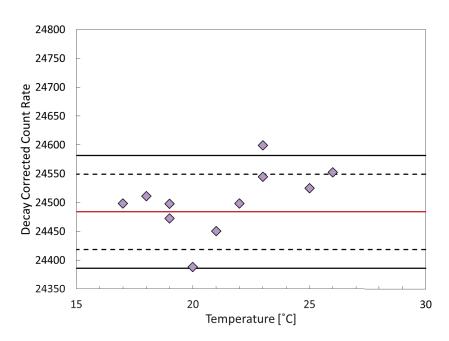


Figure 8: JFY19 AmLi stability measurements as a function of temperature.

4. Curium Stability

In October 2018 LANL started to perform monthly measurements with a Curium source to evaluate its feasibility as a potential replacement for the AmLi stability measurements. The decay corrected (with respect to the first measurement on 10/15/2018) results of the Curium measurements performed over the JFY19 reporting period are summarized in Figure 9 and correspond to an average count rate of 986.7 ± 1.2 . Results reported here were used to establish new control bounds for JFY20 provided in Appendix A. Note that the decay correction was updated in JFY19 to fully reflect the isotopic composition of the Curium source based on the source certificate and takes into account contributions from 246 Cm as well as 240 Pu. The average count rate for JFY18, reported in [2] changed to 986.2 ± 1.6 using this updated decay correction.

Overview of all decay corrected Cm stability data from October 2018 is shown in Figure 10 against the original control bounds established in [1]. Curium stability was also evaluated as a function of humidity and temperature as shown in Figure 11 and Figure 12, respectively. No dependence on humidity and room temperature has been observed over the reporting period.

Based on the trends observed so far, Curium appears to be a viable alternative to AmLi sources.

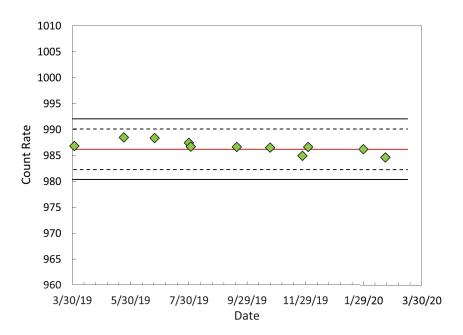


Figure 9: Curium count rates since for JFY19. Note that error bars are smaller than the size of symbols.

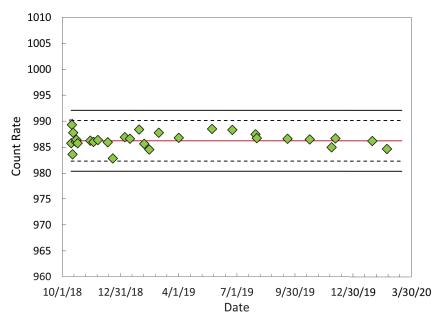


Figure 10: Curium stability measurements from October 2018 - March 2020.

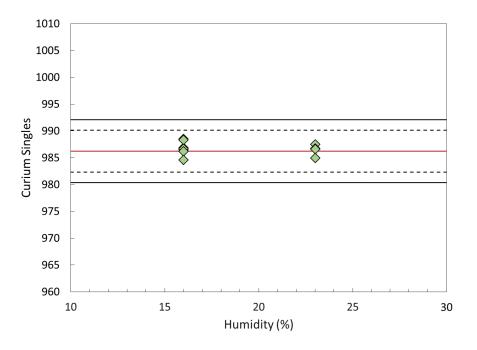


Figure 11: JFY19 Curium count rates as a function of humidity. Note that error bars are smaller than the size of symbols.

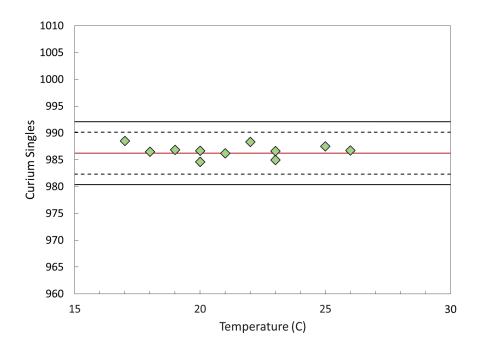


Figure 12: JFY19 Curium count rates as a function of room temperature. Note that error bars are smaller than the size of symbols.

5. HPGe System Performance

Based on updated contract, the frequency of HPGe system measurements was reduced to twice a year. Note that two additional measurements were performed during JFY19 to establish IPCA2 performance after rotation (see Section 8). The April 2019 through March 2020 measurements are summarized in Figures 14-19. No modifications to HPGe system hardware components were performed during JFY19 and the current configuration is shown in Figure 13 for reference.

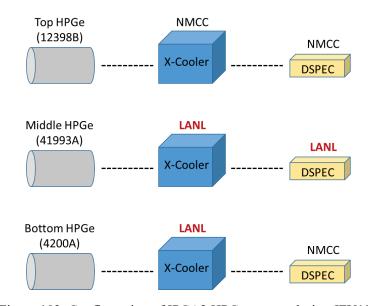


Figure 103: Configuration of IPCA2 HPGe system during JFY19.

5.1. Top HPGe Detector Performance Summary

The top detector (12698B) shows a good performance over the entire measurement period for the ²⁴⁰Pu/²³⁹Pu and ²⁴¹Pu/²³⁹Pu ratios for the entire JFY19 reporting period (Figure 14 and 15, left). An overview of the top HPGe detector performance from May 2013 is shown in Figure 14, 15 (right).

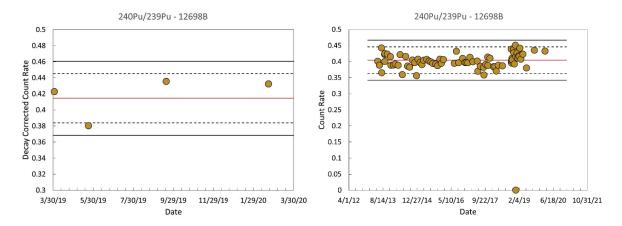


Figure 14: ^{240/239}Pu isotopic ratios as determined by the top IPCA2 HPGe for JFY19 (left); for the entire measurement period (right).

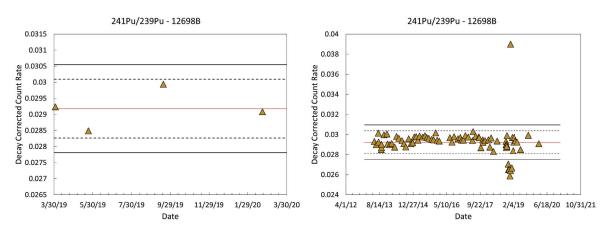


Figure 15: ^{241/239}Pu isotopic ratios as determined by the top IPCA2 HPGe for JFY19 (left); for the entire measurement period (right).

5.2. Middle HPGe Detector Performance Summary

The middle HPGe detector (41933A) shows a good performance over the entire measurement period for the ²⁴⁰Pu/²³⁹Pu and ²⁴¹Pu/²³⁹Pu ratios for the entire JFY19 reporting period (Figure 16 and 17, left). Note that the last two measurement on the middle HPGe detector had gain of 0.137 keV/ch as opposed to nominal 0.125 keV/ch. An overview of the middle HPGe detector performance from May 2013 is shown in Figure 16, 17 (right).

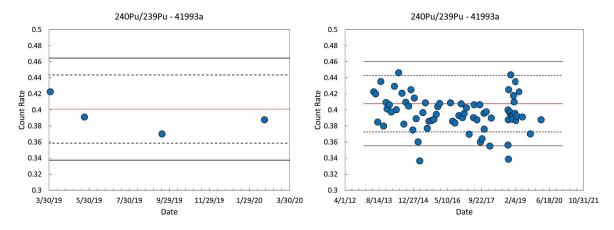


Figure 16: ^{240/239}Pu isotopic ratios as determined by the middle IPCA2 HPGe for JFY19 (left); for the entire measurement period (right).

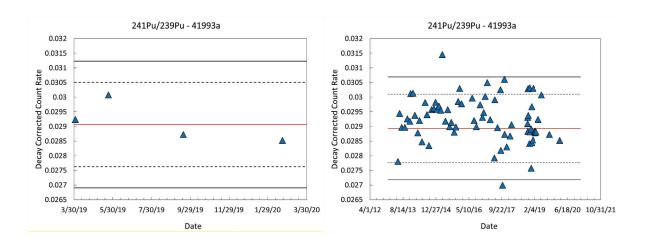


Figure 17: ^{241/239}Pu isotopic ratios as determined by the middle IPCA2 HPGe for JFY19 (left); for the entire measurement period (right).

5.3. Bottom HPGe Detector Performance

The bottom HPGe detector (4200A) shows a good performance over the entire measurement period for the ²⁴⁰Pu/²³⁹Pu and ²⁴¹Pu/²³⁹Pu ratios for the entire JFY19 reporting period (Figure 18 and 19, left). An overview of the bottom HPGe detector performance from May 2013 is shown in Figure 18, 19 (right). Note that original control bounds are used for bottom HPGe detector in all figures. Updated control bounds for JFY19 were not extracted from JFY18 data due to limited number of measurements available in JFY18 [2].

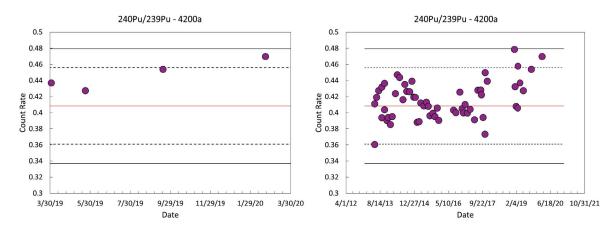


Figure 18: ^{240/239}Pu isotopic ratios as determined by the bottom IPCA2 HPGe for JFY19 (left); for the entire measurement period (right).

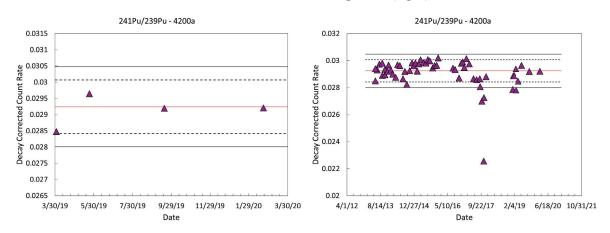


Figure 19: ^{241/239}Pu isotopic ratios as determined by the bottom IPCA2 HPGe for JFY19 (left); for the entire measurement period (right).

6. Load Cell Data

Regular load cell measurements were performed during April 2019 - March 2020 period. Each of these measurements resulted in a consistent weight of 22.69 kg.

7. Continuous Background Monitoring

As part of the contractual agreement, continuous neutron system background was acquired for IPCA2 during April 2019 through March 2020. The measurements were performed using MIC software and analyzed with RadReview. During September 2019 IPCA2 MIC2 was upgraded to MIC3 to fully support JSR15 and DSPEC50 capability and current report therefore represents the first MIC3 test in unattended mode for JSR15.

Singles count rates over the reporting period are shown in Figure 20 for April 2019 - July 2019 (top), July - November (middle) and September 2019 - March 2020 (bottom). The middle plot in Figure 20 shows the transition from MIC2 to MIC3. It can be seen that the data decoding for JSR15 by MIC2 was corrected in MIC3. Note that MIC2 recorded Singles were factor of 10 off for JSR15, which was mitigated in MIC3. MIC3 is not compatible with Windows XP installed on the IPCA2 computer and had to be installed on a separate LANL-owned Windows 10 laptop computer. Due to the default 'sleep' system power settings on the laptop, the MIC3 collection was occasionally interrupted during January - March timeframe. The triangular spikes in the bottom plot in Figure 20 correspond to these periods. The sleep settings have since been updated and such gaps should no longer be present during JFY20 measurements. The extended period of high counts in the middle plot corresponds to long-term AmLi measurement. Overall the Singles background exhibits regular variation between approximately 25 – 32 counts per second, which can be attributed to variation in cosmic ray background. The irregular high count rate spikes and intervals seen in Singles background correspond to various measurements that are occasionally performed in the High Bay area, where IPCA2 is located. Note that the area is used as a test ground for other LANL developed instrumentation and experiments are routinely performed throughout the year.

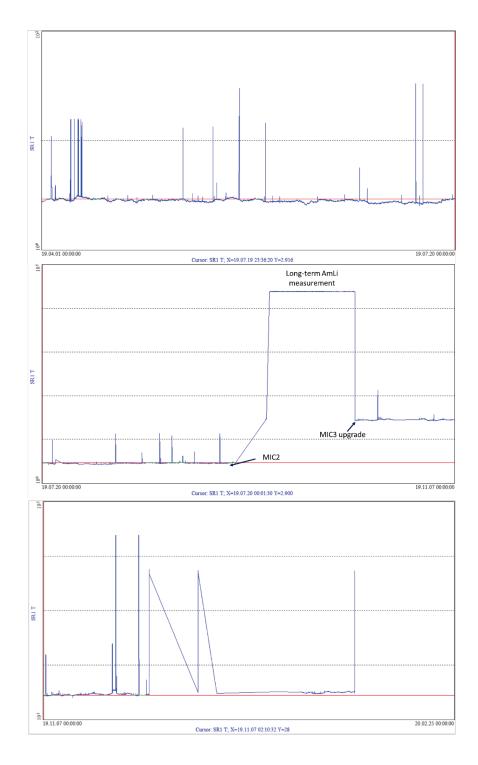


Figure 20: MIC recorded IPCA2 neutron background Singles over November 2018 through March 2019 period.

8. IPCA2 Rotation

This section provides a summary of IPCA2 performance during two rotations performed in JFY19. The first rotation was a demonstration during the JSGO/NMCC/JAEA visit in July 2019. The second represented a test of effects of long-term horizontal configuration on IPCA2 performance. The latter test was requested by JSGO/NMCC during the July 2019 visit in order to help assess effects of shipping IPCA2 in horizontal configuration on its performance. Unfortunately, both of the IPCA2 rotations occurred during the timeframe when use of Plutonium materials was restricted. The neutron system performance was therefore evaluated using a surrogate ²⁵²Cf source.

8.1. Rotation Demonstration

Rotation demonstration was performed in July 2019 and was preceded by series of ²⁵²Cf measurements to establish IPCA2 reference performance and control bounds for comparison after the rotation. Figure 21 summarizes the decay corrected ²⁵²Cf surrogate measurements before and after the rotation demonstration. As can be seen, the IPCA2 performance was unchanged as was also subsequently confirmed in the next Plutonium efficiency measurement performed in September 2019 (see Figure 1).

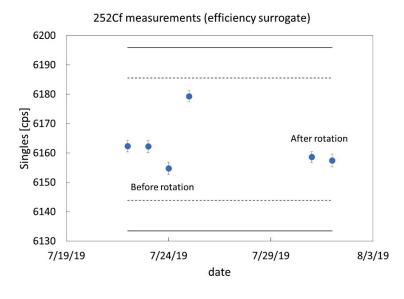


Figure 21: IPCA2 neutron system performance before and after July 2019 rotation demonstration.

8.2. Long-term Horizontal Configuration Test

During December 2019 a long-term horizontal test was performed, when IPCA2 was rotated and remained in horizontal configuration for approximately 1 month, between December 18 and January 29. During this test, the HPGe system as well as load cell were removed. The neutron

detectors remained operational, with the exception of December 23 – January 8, when the full system was powered down for winter break. After the rotation on January 29, the ²⁵²Cf surrogate measurements were performed to establish neutron system performance. Figure 22 shows the summary of all ²⁵²Cf surrogate measurements performed since July and include the measurement on December 5 immediately before the horizontal test and several measurements in January and February after the horizontal test was completed. The results of this test confirm that IPCA2 performance was not affected by long-term horizontal configuration, which is further supported by the Plutonium efficiency measurements performed in February (Figure 1) as well as by the monthly AmLi and Cm stability measurements (Figures 5 and 9). Note that one of ²⁵²Cf surrogate measurements in Figure 22 resulted in count rate just on the borderline of 3σ, which was likely due to ²⁵²Cf source positioning and was not observed in the subsequent measurements.

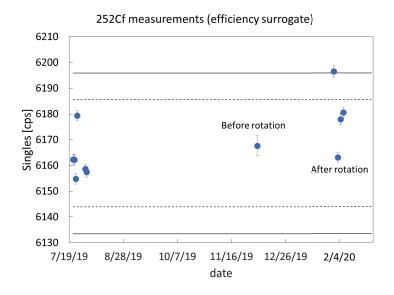


Figure 22: IPCA2 neutron system performance before and after long-term horizontal test.

9. Summary

Table 1 provides and overview of all the control measurements performed over the reporting period (April 2019 – March 2020). During the period of July-August, November-January and March 2020, the use of Plutonium containing materials was restricted, which prevented monthly Plutonium efficiency measurements during this period. As reported in this document, ²⁵²Cf surrogate measurements were performed instead, along with regular AmLi and Cm stability measurements to provide assurance on continuing stable IPCA2 performance.

Table 1: The number of measurements taken monthly organized by type.

Month	Pu Eff	AmLi	Cm	12698B (Top)	41993A (Middle)	4200A (Bottom)	Load Cell
April 2019	1	1	1	1	1	1	1
May 2019	1	1	1	1	1	1	1
June 2019	1	1	1	0	0	0	1
July 2019	0	1	1	0	0	0	1
August 2019	0	1	1	0	0	0	1
September 2019	1	1	1	1	1	1	1
October 2019	1	1	1	0	0	0	1
November 2019	0	1	1	0	0	0	1
December 2019	0	1	1	0	0	0	1
January 2020	0	1	1	0	0	0	1
February 2020	1	1	1	1	1	1	1
March 2020	0	TBI	TBI	0	0	0	TBI
Total	6	11	11	4	4	4	11

^{*}TBI = to be included. Note that these measurements were performed, but are yet to be included in the final report.

Results of the control measurements confirmed stability of Plutonium efficiency, which stayed within 2σ of the overall average value of 7.29 % established from JFY18 data in reference [2]. No dependence on environmental conditions (temperature, humidity) was observed. The average efficiency of these measurements (performed between April 2019 and March 2020) corresponds to 7.30 ± 0.05 . Updated control bounds were established based on this dataset (see Appendix A).

The AmLi stability measurements over the reporting period showed good performance, typically within 3σ of the overall average value established in reference [2]. No dependence on environmental conditions (temperature, humidity) was observed. The average count rate (decay corrected count with respect to 01/12/2017) for measurements performed between April 2019 and March 2020 corresponds to 24504 ± 55 . Updated control bounds were established based on the JFY19 data and are reported in Appendix A.

Curium source measurements were performed to evaluate its feasibility as a potential replacement for the AmLi source to mitigate issues observed in AmLi measurements [1] due to redistribution of source material and positioning. The average count rate (decay corrected with respect to the first measurement on 10/15/2018) for measurements performed between April 2019 and March 2020 corresponds to 986.7 ± 1.2 . No dependence on environmental conditions (temperature, humidity) was observed. Results were used to establish new control bounds as documented in Appendix A. Based on the trends observed so far, Curium appears to be a viable alternative to AmLi sources. Both sources will continue to be used during JFY20 control measurements.

HPGe system monitoring revealed consistent performance of all three detectors within the 3σ of expected performance. The middle detector exhibited a slight gain change during the last two measurements with 0.137 keV/ch as opposed to nominal 0.125 keV/ch. Due to the reduced number

of measurements the control bounds for all the HPGe detectors will remain unchanged and, if needed in the future, will be updated based on a larger set of aggregate data.

Two IPCA2 rotations were performed during the JFY19 reporting period with one focusing on long-term horizontal configuration impact on IPCA2 performance. Neutron and gamma measurements before and after the rotations confirmed unchanged IPCA2 performance. The long-term horizontal test and the fact that it confirmed no impact on IPCA2 performance represents an important assurance of IPCA2 functionality and robustness for future shipping considerations.

Software upgrade was performed during the JFY19 reporting period by upgrading MIC2 to MIC3 to support JSR15 read-out as well as DSPEC50 (note that IPCA2 currently uses DSPEC Plus). Initial test of MIC3 with JSR15 was performed between September 2019 and March 2020. However, the measurements were impacted by default power saving settings of the Windows 10 laptop used for MIC3 (note that MIC3 is not supported on Windows XP system). These settings resulted in gaps due to default computer sleep mode and will be removed for JFY20 measurements.

In summary, the neutron as well as gamma system performance exhibits expected trends and measurements will continue on monthly basis in JFY20 as permitted by the contract amendment approval process.

10. References

[1] M.T. Andrews, M.T. Swinhoe, J. Archuleta, D. Henzlova, A. Favalli, J.B. Marlow, "IPCA 2 Data Analysis and Updated Control Charts", Los Alamos National Laboratory Technical Report, LA-CP-20366 (2017).

[2] D. Henzlova, J. Archuleta, M.T. Andrews, A. Favalli, J.B. Marlow, C.D. Rael, M.T. Swinhoe, "Annual IPCA2 Performance Report for JFY18", Los Alamos National Laboratory Technical Report, LA-UR-19-24828 (2019).

11. Appendix A

This Appendix provides an overview of updated control bounds calculated from JFY19 data that will be used during JFY20 control measurements.

11.1. Updated AmLi control bounds from JFY19 data

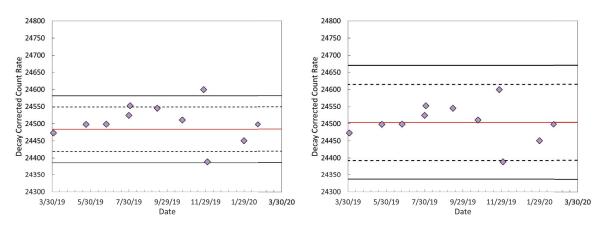


Figure 23: AmLi stability control bounds; current (JFY18) [2] (left); updated based on JFY19 data (right).

11.2. Updated Cm control bounds from JFY19 data

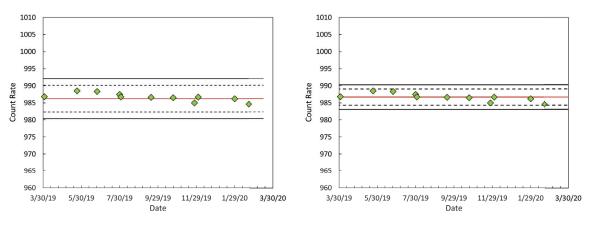


Figure 24: Cm stability control bounds; current (JFY18) [2] (left); updated based on JFY19 data (right).

Note that the wider control bounds extracted from JFY18 data in [2] were partially caused by an incomplete decay correction, which did not include contributions from ²⁴⁶Cm and ²⁴⁰Pu present in the source material. Current report uses updated decay correction, which resulted in improved trend of Cm data.

11.3. Updated efficiency control bounds from JFY19 data

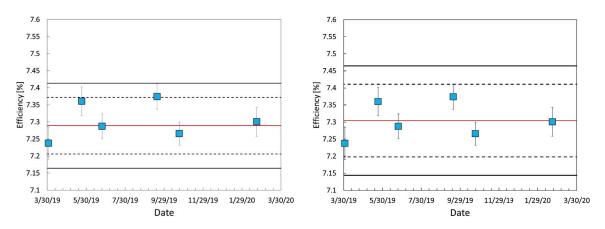


Figure 25: FZC 158 efficiency control bounds; current (JFY 18) [2] (left); updated based on JFY 19 data (right).

11.4. HPGe detector control bounds

Updated contract reduces frequency of HPGe control measurements to twice a year. Therefore, HPGe control bounds will be kept unchanged and control bounds extracted in [2] will be used in JFY20 measurements, due to the limited number of data points each year. Control bounds may be updated in the future based on a larger set of aggregate data, if needed.