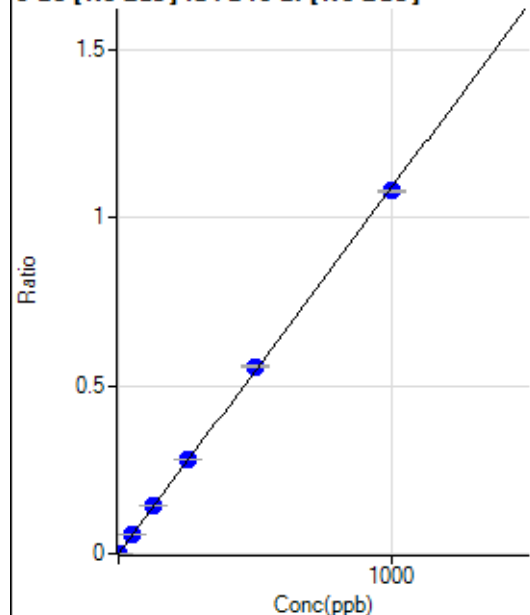


Batch Folder: D:\ICP-MS Data\P7111618MS .bb\  
Analysis File: P7111618MS .batch.bin  
DA Date-Time: 2018-11-16 19:20:27  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 003CALB.d          | S00         | 2018-11-16 15:34:25 |
| 2     |                    |             |                     |
| 3     | 005CALS.d          | S02         | 2018-11-16 15:42:49 |
| 4     | 006CALS.d          | S03         | 2018-11-16 15:46:43 |
| 5     | 007CALS.d          | S04         | 2018-11-16 15:50:53 |
| 6     | 008CALS.d          | S05         | 2018-11-16 15:54:40 |
| 7     | 009CALS.d          | S06         | 2018-11-16 15:58:25 |
| 8     | 010CALS.d          | S07         | 2018-11-16 16:02:09 |
| 9     | 011CALS.d          | S08         | 2018-11-16 16:05:55 |

**9 Be [No Gas] ISTD:6 Li [No Gas]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 48.15      | 0.0000 | P    | 23.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.048      | 3880.22    | 0.0012 | P    | 4.9  |
| 4 | <input type="checkbox"/> | 50.000   | 52.079     | 187188.37  | 0.0567 | P    | 0.0  |
| 5 | <input type="checkbox"/> | 125.000  | 130.394    | 439623.86  | 0.1420 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 257.879    | 808799.54  | 0.2808 | P    | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 511.960    | 1598897.27 | 0.5575 | P    | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 991.272    | 2988334.82 | 1.0794 | P    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 620.40     | 0.0002 | P    | 13.3 |

$$y = 0.0011 * x + 1.4515E-005$$

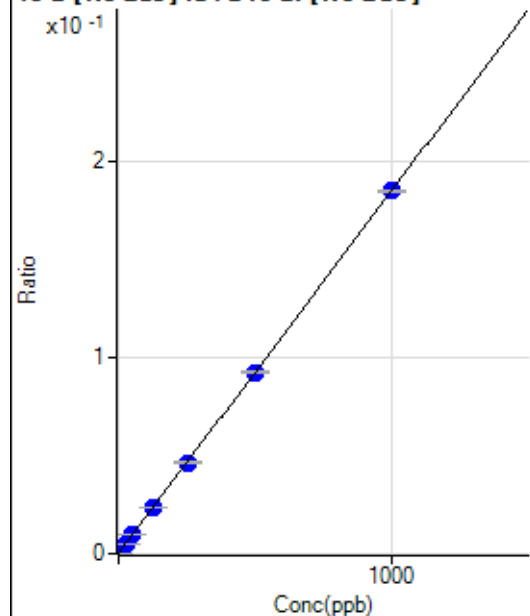
$$R = 0.9999$$

$$DL = 0.009465$$

$$BEC = 0.01333$$

Weight: &lt;None&gt;

Min Conc: 0

**10 B [No Gas] ISTD:6 Li [No Gas]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 502.81    | 0.0002 | P    | 22.4 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 25.361     | 16209.24  | 0.0048 | P    | 4.6  |
| 4 | <input type="checkbox"/> | 50.000   | 50.627     | 31302.53  | 0.0095 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 126.524    | 72686.06  | 0.0235 | P    | 1.7  |
| 6 | <input type="checkbox"/> | 250.000  | 250.092    | 133226.37 | 0.0463 | P    | 1.8  |
| 7 | <input type="checkbox"/> | 500.000  | 499.174    | 264402.88 | 0.0922 | P    | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.159   | 510955.95 | 0.1846 | P    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 12235.99  | 0.0037 | P    | 6.4  |

$$y = 1.8437E-004 * x + 1.5149E-004$$

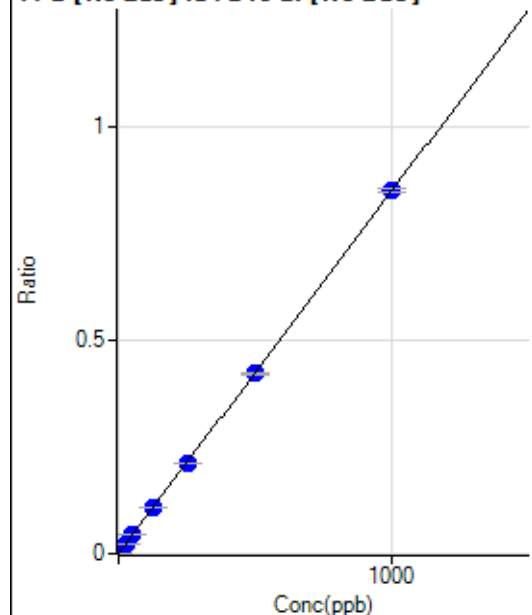
$$R = 1.0000$$

$$DL = 0.5532$$

$$BEC = 0.8217$$

Weight: &lt;None&gt;

Min Conc: 0

**11 B [No Gas] ISTD:6 Li [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2153.02    | 0.0006 | P   | 11.7 |
| 2 | <input type="checkbox"/> | 2.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 25.000   | 24.854     | 73062.84   | 0.0218 | P   | 2.6  |
| 4 | <input type="checkbox"/> | 50.000   | 50.576     | 143895.22  | 0.0436 | P   | 2.4  |
| 5 | <input type="checkbox"/> | 125.000  | 125.825    | 332868.88  | 0.1075 | P   | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 249.516    | 612252.00  | 0.2126 | P   | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 497.373    | 1213565.48 | 0.4231 | P   | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.306   | 2356538.57 | 0.8511 | P   | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 55678.63   | 0.0170 | P   | 7.5  |

$$y = 8.4938E-004 * x + 6.4959E-004$$

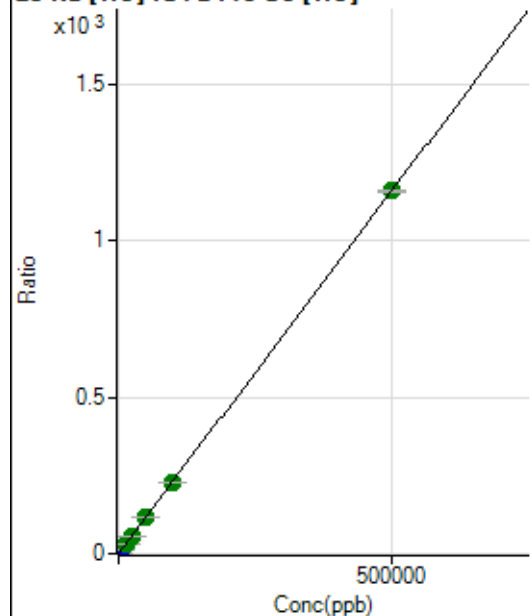
$$R = 1.0000$$

$$DL = 0.2687$$

$$BEC = 0.7648$$

Weight: &lt;None&gt;

Min Conc: 0

**23 Na [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS          | Ratio     | Det | RSD |
|---|--------------------------|-----------|------------|--------------|-----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 12313.87     | 0.0357    | P   | 2.9 |
| 2 | <input type="checkbox"/> | 50.000    |            |              |           |     |     |
| 3 | <input type="checkbox"/> | 500.000   | 496.685    | 406441.02    | 1.1863    | P   | 1.0 |
| 4 | <input type="checkbox"/> | 5000.000  | 5073.367   | 3884777.78   | 11.7880   | P   | 0.3 |
| 5 | <input type="checkbox"/> | 12500.000 | 12578.910  | 9044058.80   | 29.1742   | A   | 0.2 |
| 6 | <input type="checkbox"/> | 25000.000 | 24870.729  | 17306938.58  | 57.6476   | A   | 0.6 |
| 7 | <input type="checkbox"/> | 50000.000 | 49526.281  | 34968946.96  | 114.7610  | A   | 1.0 |
| 8 | <input type="checkbox"/> | 100000.00 | 97451.245  | 68564445.98  | 225.7770  | A   | 0.4 |
| 9 | <input type="checkbox"/> | 500000.00 | 500560.88  | 399002081.14 | 1,159.561 | A   | 0.7 |

$$y = 0.0023 * x + 0.0357$$

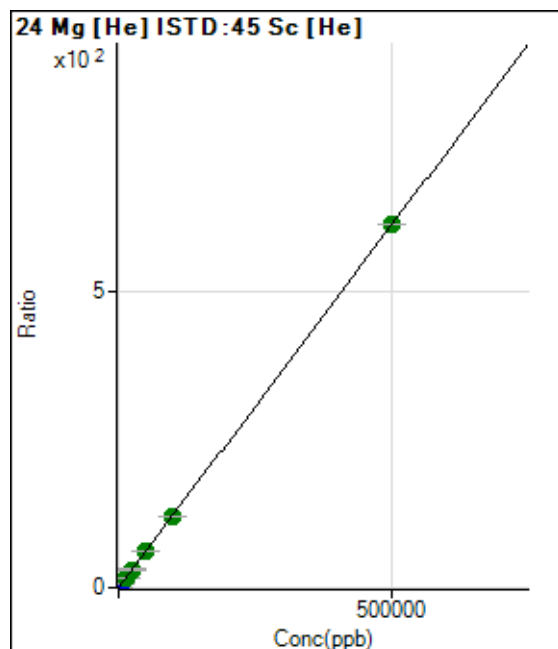
$$R = 1.0000$$

$$DL = 1.343$$

$$BEC = 15.43$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS          | Ratio    | Det. | RSD  |
|---|--------------------------|-----------|------------|--------------|----------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 275.02       | 0.0008   | P    | 26.9 |
| 2 | <input type="checkbox"/> | 50.000    |            |              |          |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 499.229    | 209299.37    | 0.6109   | P    | 1.4  |
| 4 | <input type="checkbox"/> | 5000.000  | 5143.724   | 2071851.74   | 6.2868   | P    | 0.2  |
| 5 | <input type="checkbox"/> | 12500.000 | 12768.313  | 4837451.06   | 15.6045  | A    | 0.3  |
| 6 | <input type="checkbox"/> | 25000.000 | 25139.384  | 9223512.27   | 30.7228  | A    | 0.8  |
| 7 | <input type="checkbox"/> | 50000.000 | 49983.053  | 18612763.44  | 61.0835  | A    | 1.1  |
| 8 | <input type="checkbox"/> | 100000.00 | 97663.901  | 36245306.37  | 119.3527 | A    | 0.4  |
| 9 | <input type="checkbox"/> | 500000.00 | 500453.80  | 210439778.32 | 611.5892 | A    | 0.2  |

$$y = 0.0012 * x + 7.9813E-004$$

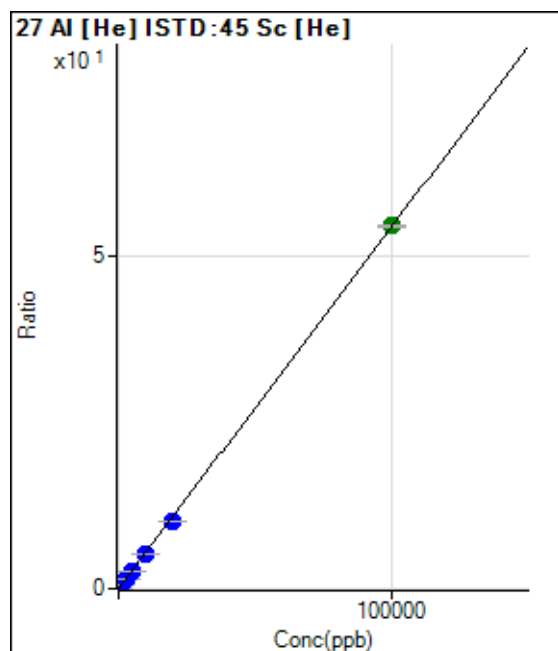
$$R = 1.0000$$

$$DL = 0.5267$$

$$BEC = 0.6531$$

Weight: <None>

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 61.11       | 0.0002  | P    | 31.1 |
| 2 | <input type="checkbox"/> | 2.000     |            |             |         |      |      |
| 3 | <input type="checkbox"/> | 20.000    | 19.379     | 3672.84     | 0.0107  | P    | 3.4  |
| 4 | <input type="checkbox"/> | 1000.000  | 982.847    | 176265.45   | 0.5349  | P    | 0.6  |
| 5 | <input type="checkbox"/> | 2500.000  | 2436.292   | 410926.68   | 1.3256  | P    | 0.4  |
| 6 | <input type="checkbox"/> | 5000.000  | 4773.542   | 779693.84   | 2.5971  | P    | 0.5  |
| 7 | <input type="checkbox"/> | 10000.000 | 9480.233   | 1571575.31  | 5.1576  | P    | 0.9  |
| 8 | <input type="checkbox"/> | 20000.000 | 18656.448  | 3082288.33  | 10.1496 | P    | 0.1  |
| 9 | <input type="checkbox"/> | 100000.00 | 100333.77  | 18781676.11 | 54.5834 | A    | 0.7  |

$$y = 5.4402E-004 * x + 1.7727E-004$$

$$R = 0.9999$$

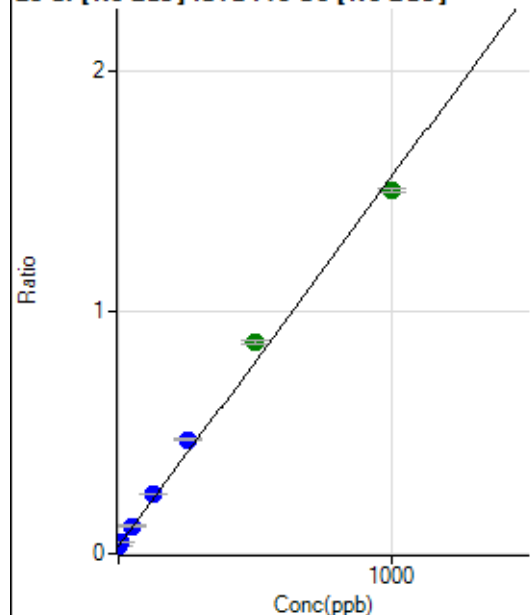
$$DL = 0.3044$$

$$BEC = 0.3259$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD : 45 Sc [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 216082.53  | 0.0303 | P    | 0.5 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 12.836     | 365176.63  | 0.0499 | P    | 0.8 |
| 4 | <input type="checkbox"/> | 50.000   | 55.395     | 816075.90  | 0.1150 | P    | 1.4 |
| 5 | <input type="checkbox"/> | 125.000  | 142.674    | 1638572.60 | 0.2484 | P    | 1.0 |
| 6 | <input type="checkbox"/> | 250.000  | 288.110    | 2884159.22 | 0.4707 | P    | 1.6 |
| 7 | <input type="checkbox"/> | 500.000  | 551.784    | 5419607.15 | 0.8737 | A    | 1.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 962.073    | 9146614.18 | 1.5008 | A    | 1.0 |
| 9 | <input type="checkbox"/> |          |            | 1031204.06 | 0.1417 | P    | 2.2 |

$$y = 0.0015 * x + 0.0303$$

$$R = 0.9970$$

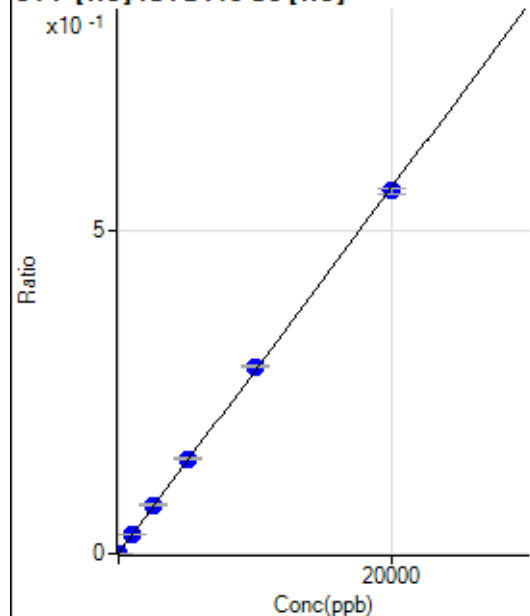
$$DL = 0.2975$$

$$BEC = 19.83$$

Weight: &lt;None&gt;

Min Conc: 0

31 P [He] ISTD : 45 Sc [He]



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.825      | 155.57    | 0.0005 | P    | 20.5 |
| 2 | <input type="checkbox"/> | 0.000     |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 0.000     | -0.825     | 138.89    | 0.0004 | P    | 23.7 |
| 4 | <input type="checkbox"/> | 1000.000  | 1050.614   | 9948.18   | 0.0302 | P    | 1.5  |
| 5 | <input type="checkbox"/> | 2500.000  | 2658.230   | 23474.86  | 0.0757 | P    | 2.2  |
| 6 | <input type="checkbox"/> | 5000.000  | 5171.818   | 44113.51  | 0.1469 | P    | 1.6  |
| 7 | <input type="checkbox"/> | 10000.000 | 10229.457  | 88428.59  | 0.2902 | P    | 0.7  |
| 8 | <input type="checkbox"/> | 20000.000 | 19820.008  | 170620.32 | 0.5619 | P    | 1.4  |
| 9 | <input type="checkbox"/> |           |            | 244.45    | 0.0007 | P    | 11.4 |

$$y = 2.8326E-005 * x + 4.2832E-004$$

$$R = 0.9998$$

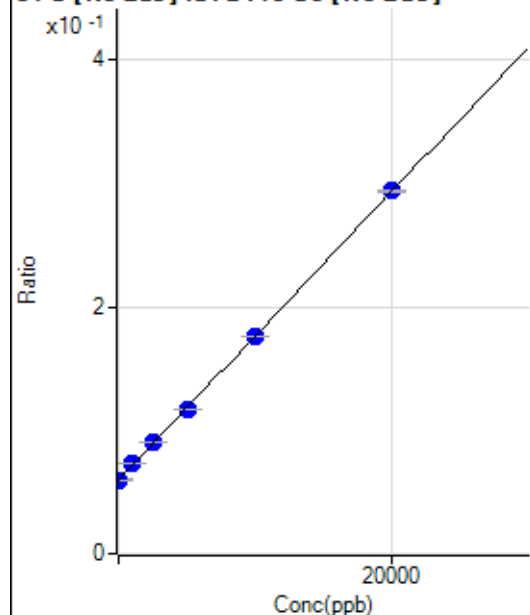
$$DL = 9.985$$

$$BEC = 15.12$$

Weight: &lt;None&gt;

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 24.686     | 427657.33  | 0.0600 | P    | 0.9 |
| 2 | <input type="checkbox"/> | 0.000     |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 0.000     | -24.686    | 434544.34  | 0.0594 | P    | 0.4 |
| 4 | <input type="checkbox"/> | 1000.000  | 1112.458   | 516146.99  | 0.0727 | P    | 0.4 |
| 5 | <input type="checkbox"/> | 2500.000  | 2602.699   | 594669.81  | 0.0901 | P    | 0.8 |
| 6 | <input type="checkbox"/> | 5000.000  | 4891.295   | 716409.36  | 0.1169 | P    | 0.8 |
| 7 | <input type="checkbox"/> | 10000.000 | 9939.819   | 1091356.36 | 0.1759 | P    | 0.3 |
| 8 | <input type="checkbox"/> | 20000.000 | 20038.806  | 1791974.37 | 0.2940 | P    | 0.3 |
| 9 | <input type="checkbox"/> |           |            | 424575.44  | 0.0584 | P    | 2.4 |

$$y = 1.1694\text{E-}005 * x + 0.0597$$

R = 0.9999

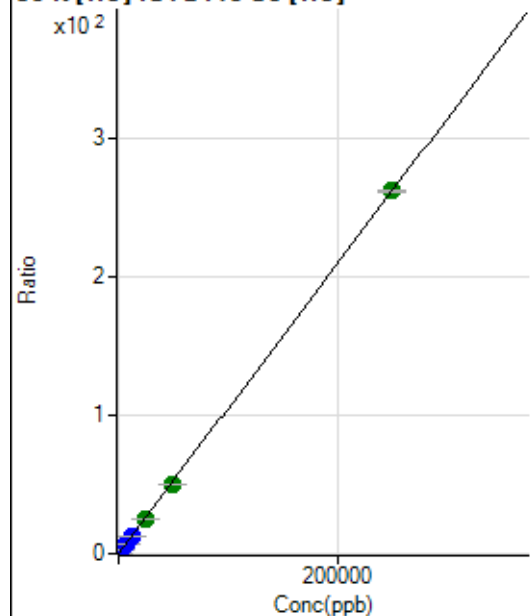
DL = 98.55

BEC = 5105

Weight: &lt;None&gt;

Min Conc: 0

39 K [He] ISTD:45 Sc [He]



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 23722.64    | 0.0689   | P    | 0.8 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 492.391    | 199990.80   | 0.5837   | P    | 0.7 |
| 4 | <input type="checkbox"/> | 2500.000  | 2473.903   | 875169.22   | 2.6556   | P    | 0.4 |
| 5 | <input type="checkbox"/> | 6250.000  | 6133.563   | 2009481.79  | 6.4821   | P    | 0.7 |
| 6 | <input type="checkbox"/> | 12500.000 | 12123.090  | 3826291.62  | 12.7448  | P    | 0.1 |
| 7 | <input type="checkbox"/> | 25000.000 | 23963.923  | 7656096.78  | 25.1256  | A    | 0.7 |
| 8 | <input type="checkbox"/> | 50000.000 | 47474.645  | 15095592.53 | 49.7084  | A    | 0.4 |
| 9 | <input type="checkbox"/> | 250000.00 | 250630.71  | 90194100.63 | 262.1287 | A    | 0.7 |

$$y = 0.0010 * x + 0.0689$$

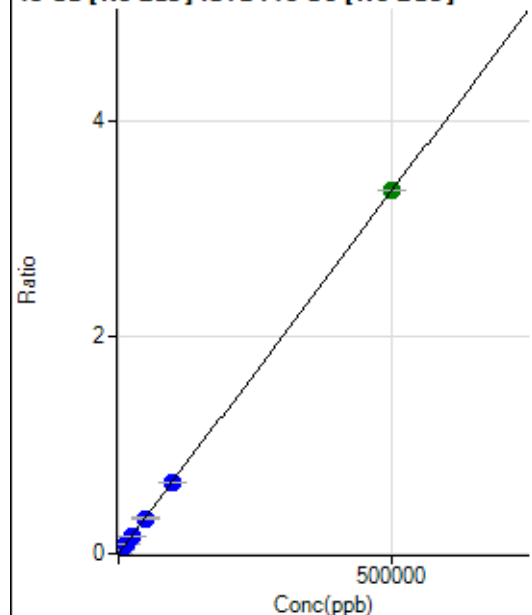
R = 0.9999

DL = 1.619

BEC = 65.86

Weight: &lt;None&gt;

Min Conc: 0

**43 Ca [No Gas] ISTD:45 Sc [No Gas]**

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 130.56      | 0.0000 | P    | 20.7 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 483.870    | 23800.55    | 0.0033 | P    | 1.4  |
| 4 | <input type="checkbox"/> | 5000.000  | 4958.752   | 235525.58   | 0.0332 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 12500.000 | 12413.807  | 547818.50   | 0.0830 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 25000.000 | 24699.823  | 1012396.70  | 0.1652 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 50000.000 | 48951.463  | 2030797.59  | 0.3274 | P    | 0.7  |
| 8 | <input type="checkbox"/> | 100000.00 | 97811.772  | 3986620.49  | 0.6542 | P    | 0.4  |
| 9 | <input type="checkbox"/> | 500000.00 | 500560.09  | 24352705.40 | 3.3477 | A    | 0.2  |

$$y = 6.6879\text{E-}006 * x + 1.8322\text{E-}005$$

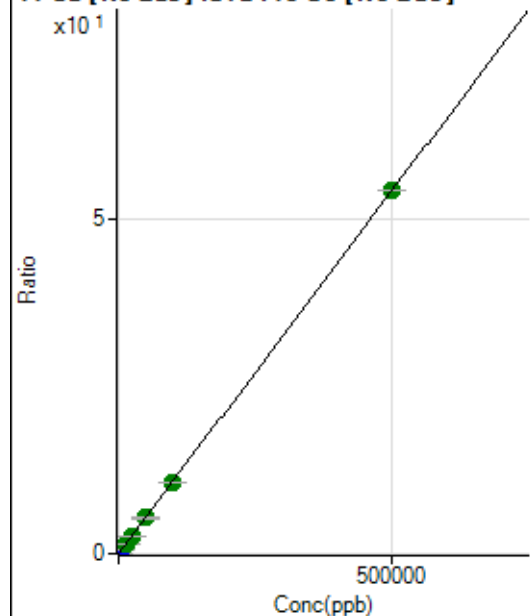
$$R = 1.0000$$

$$DL = 1.702$$

$$BEC = 2.74$$

Weight: &lt;None&gt;

Min Conc: 0

**44 Ca [No Gas] ISTD:45 Sc [No Gas]**

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS          | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|--------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 7046.75      | 0.0010  | P    | 2.8 |
| 2 | <input type="checkbox"/> | 50.000    |            |              |         |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 485.470    | 391181.54    | 0.0535  | P    | 0.4 |
| 4 | <input type="checkbox"/> | 5000.000  | 4941.462   | 3800059.42   | 0.5354  | P    | 0.1 |
| 5 | <input type="checkbox"/> | 12500.000 | 12381.107  | 8839279.28   | 1.3399  | A    | 0.5 |
| 6 | <input type="checkbox"/> | 25000.000 | 24565.136  | 16285133.70  | 2.6575  | A    | 0.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 49080.608  | 32928362.19  | 5.3087  | A    | 0.4 |
| 8 | <input type="checkbox"/> | 100000.00 | 97823.153  | 64474409.77  | 10.5798 | A    | 0.2 |
| 9 | <input type="checkbox"/> | 500000.00 | 500552.62  | 393775850.47 | 54.1316 | A    | 0.1 |

$$y = 1.0814\text{E-}004 * x + 9.8852\text{E-}004$$

$$R = 1.0000$$

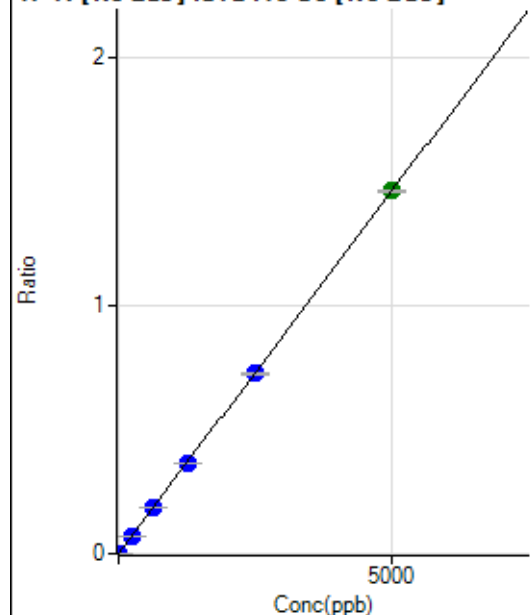
$$DL = 0.7585$$

$$BEC = 9.141$$

Weight: &lt;None&gt;

Min Conc: 0

47 Ti [No Gas] ISTD:45 Sc [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 88.89      | 0.0000 | P    | 19.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.988      | 10726.57   | 0.0015 | P    | 1.7  |
| 4 | <input type="checkbox"/> | 250.000  | 251.536    | 520646.65  | 0.0733 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 625.000  | 628.858    | 1209624.83 | 0.1834 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 1250.000 | 1245.864   | 2226005.15 | 0.3633 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2486.233   | 4496286.34 | 0.7249 | P    | 0.4  |
| 8 | <input type="checkbox"/> | 5000.000 | 5007.359   | 8896979.97 | 1.4599 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 4309.13    | 0.0006 | P    | 5.5  |

$$y = 2.9155E-004 * x + 1.2466E-005$$

$$R = 1.0000$$

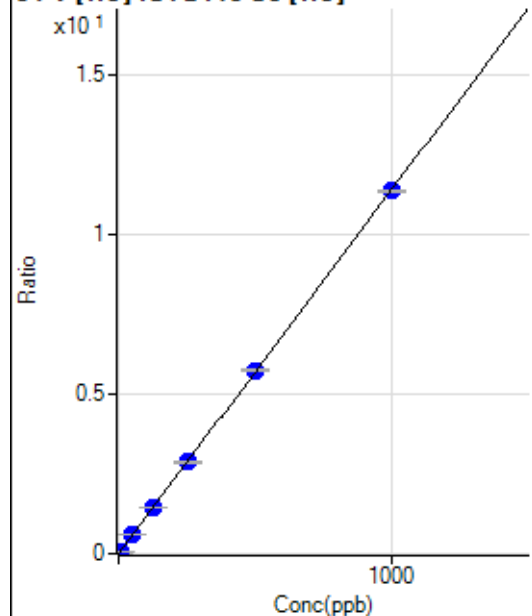
$$DL = 0.02468$$

$$BEC = 0.04276$$

Weight: &lt;None&gt;

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 14.44      | 0.0000  | P    | 13.0 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.055      | 19792.37   | 0.0578  | P    | 1.1  |
| 4 | <input type="checkbox"/> | 50.000   | 51.402     | 193449.63  | 0.5870  | P    | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 126.779    | 448795.71  | 1.4477  | P    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 251.775    | 863147.32  | 2.8750  | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 503.923    | 1753421.95 | 5.7543  | P    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.302    | 3458380.89 | 11.3881 | P    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 1924.60    | 0.0056  | P    | 1.7  |

$$y = 0.0114 * x + 4.1912E-005$$

$$R = 1.0000$$

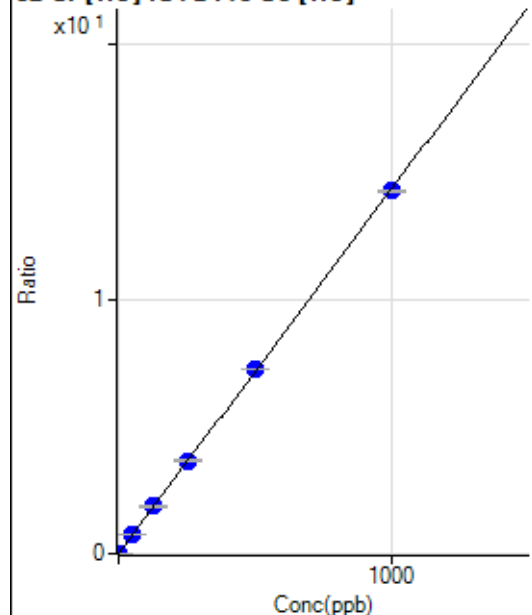
$$DL = 0.001432$$

$$BEC = 0.00367$$

Weight: &lt;None&gt;

Min Conc: 0



**52 Cr [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD |
|---|--------------------------|----------|------------|------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1083.39    | 0.0031  | P   | 4.0 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |     |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.208      | 11903.85   | 0.0347  | P   | 1.3 |
| 4 | <input type="checkbox"/> | 50.000   | 52.150     | 246955.69  | 0.7494  | P   | 0.2 |
| 5 | <input type="checkbox"/> | 125.000  | 129.162    | 573913.02  | 1.8513  | P   | 0.4 |
| 6 | <input type="checkbox"/> | 250.000  | 255.213    | 1097295.63 | 3.6550  | P   | 0.4 |
| 7 | <input type="checkbox"/> | 500.000  | 505.808    | 2206349.62 | 7.2407  | P   | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 995.165    | 4325322.09 | 14.2428 | P   | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 223552.47  | 0.6497  | P   | 0.5 |

$$y = 0.0143 * x + 0.0031$$

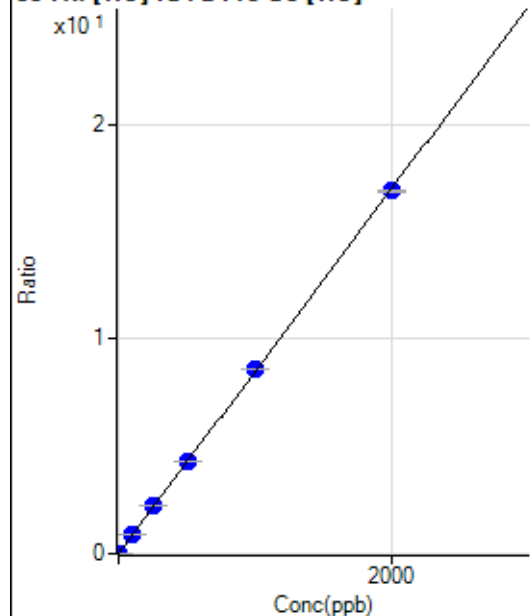
$$R = 1.0000$$

$$DL = 0.02655$$

$$BEC = 0.2198$$

Weight: &lt;None&gt;

Min Conc: 0

**55 Mn [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 40.00      | 0.0001  | P   | 50.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.117      | 3291.53    | 0.0096  | P   | 2.0  |
| 4 | <input type="checkbox"/> | 100.000  | 103.924    | 291009.27  | 0.8830  | P   | 0.4  |
| 5 | <input type="checkbox"/> | 250.000  | 259.234    | 682788.85  | 2.2025  | P   | 0.1  |
| 6 | <input type="checkbox"/> | 500.000  | 509.496    | 1299556.66 | 4.3287  | P   | 0.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 1013.450   | 2623682.74 | 8.6102  | P   | 0.4  |
| 8 | <input type="checkbox"/> | 2000.000 | 1989.550   | 5133192.25 | 16.9030 | P   | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 40942.66   | 0.1190  | P   | 1.3  |

$$y = 0.0085 * x + 1.1623E-004$$

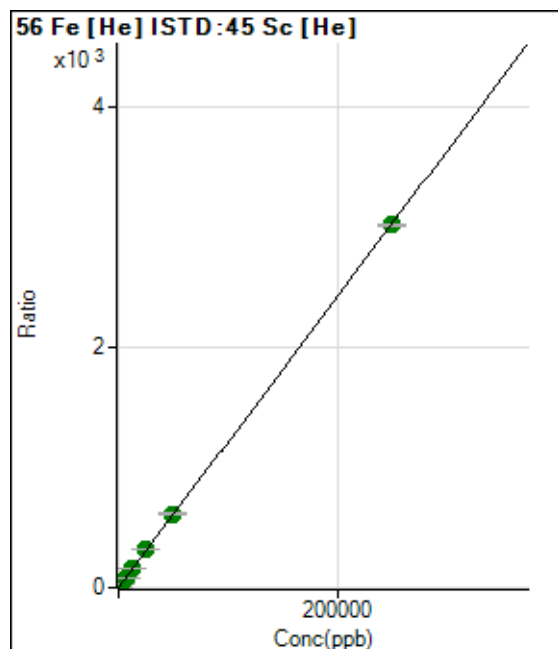
$$R = 0.9999$$

$$DL = 0.02087$$

$$BEC = 0.01368$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS          | Ratio     | Det. | RSD |
|---|--------------------------|-----------|------------|--------------|-----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 5799.46      | 0.0168    | P    | 2.4 |
| 2 | <input type="checkbox"/> | 5.000     |            |              |           |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 53.687     | 227811.91    | 0.6649    | P    | 0.4 |
| 4 | <input type="checkbox"/> | 2500.000  | 2667.143   | 10615939.59  | 32.2127   | A    | 0.1 |
| 5 | <input type="checkbox"/> | 6250.000  | 6677.699   | 24994073.48  | 80.6253   | A    | 0.4 |
| 6 | <input type="checkbox"/> | 12500.000 | 13090.035  | 47443552.91  | 158.0305  | A    | 0.7 |
| 7 | <input type="checkbox"/> | 25000.000 | 26015.738  | 95697818.81  | 314.0604  | A    | 0.9 |
| 8 | <input type="checkbox"/> | 50000.000 | 50941.084  | 186747654.17 | 614.9415  | A    | 0.2 |
| 9 | <input type="checkbox"/> | 250000.00 | 249668.34  | 1037020393.5 | 3,013.836 | A    | 0.4 |

$$y = 0.0121 * x + 0.0168$$

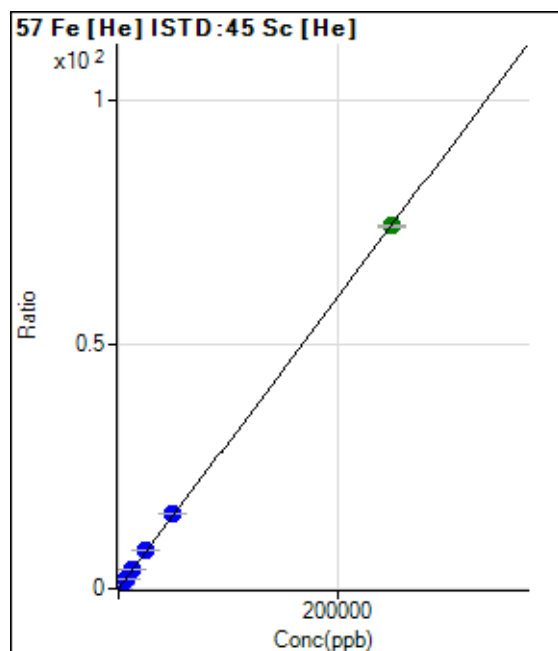
$$R = 1.0000$$

$$DL = 0.1016$$

$$BEC = 1.395$$

Weight: <None>

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 218.53      | 0.0006  | P    | 29.7 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |         |      |      |
| 3 | <input type="checkbox"/> | 50.000    | 54.696     | 5792.04     | 0.0169  | P    | 2.6  |
| 4 | <input type="checkbox"/> | 2500.000  | 2675.653   | 262512.01   | 0.7966  | P    | 1.2  |
| 5 | <input type="checkbox"/> | 6250.000  | 6634.390   | 612004.51   | 1.9742  | P    | 0.1  |
| 6 | <input type="checkbox"/> | 12500.000 | 13109.665  | 1170976.48  | 3.9004  | P    | 0.7  |
| 7 | <input type="checkbox"/> | 25000.000 | 25954.240  | 2352801.38  | 7.7213  | P    | 0.7  |
| 8 | <input type="checkbox"/> | 50000.000 | 51111.277  | 4617481.35  | 15.2049 | P    | 0.3  |
| 9 | <input type="checkbox"/> | 250000.00 | 249640.47  | 25552569.55 | 74.2622 | A    | 0.2  |

$$y = 2.9747E-004 * x + 6.3467E-004$$

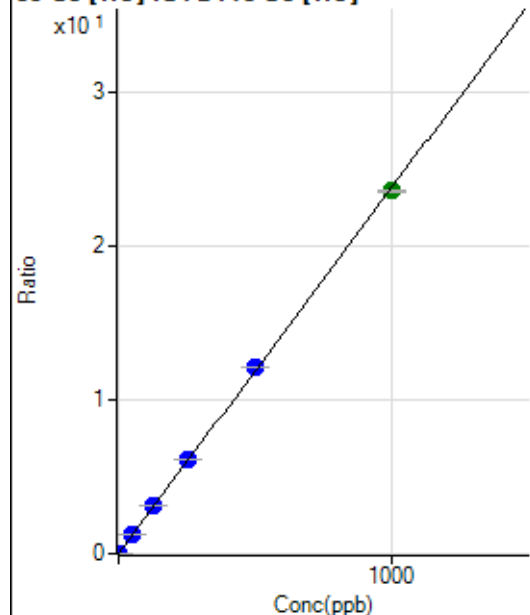
$$R = 1.0000$$

$$DL = 1.902$$

$$BEC = 2.134$$

Weight: <None>

Min Conc: 0

**59 Co [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|---------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 152.22     | 0.0004  | P        | 2.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.062      | 8808.32    | 0.0257  | P        | 0.6 |
| 4 | <input type="checkbox"/> | 50.000   | 53.553     | 419890.62  | 1.2741  | P        | 0.2 |
| 5 | <input type="checkbox"/> | 125.000  | 131.763    | 971609.46  | 3.1342  | P        | 0.3 |
| 6 | <input type="checkbox"/> | 250.000  | 258.149    | 1843372.59 | 6.1401  | P        | 0.5 |
| 7 | <input type="checkbox"/> | 500.000  | 509.944    | 3695759.67 | 12.1286 | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 991.968    | 7164701.00 | 23.5927 | A        | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 100655.42  | 0.2925  | P        | 0.7 |

$$y = 0.0238 * x + 4.4186E-004$$

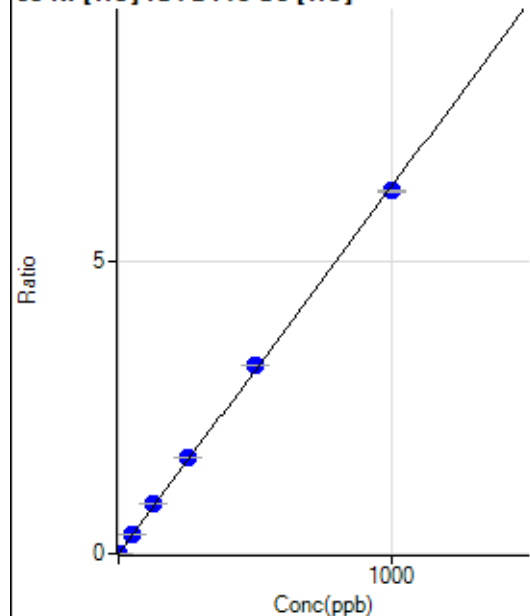
$$R = 0.9999$$

$$DL = 0.001506$$

$$BEC = 0.01858$$

Weight: &lt;None&gt;

Min Conc: 0

**60 Ni [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 135.56     | 0.0004 | P        | 20.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.226      | 2769.20    | 0.0081 | P        | 2.9  |
| 4 | <input type="checkbox"/> | 50.000   | 54.452     | 112665.36  | 0.3419 | P        | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 134.457    | 261517.11  | 0.8436 | P        | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 261.919    | 493234.13  | 1.6429 | P        | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 514.401    | 983091.35  | 3.2263 | P        | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 988.415    | 1882473.60 | 6.1989 | P        | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 78855.94   | 0.2292 | P        | 0.8  |

$$y = 0.0063 * x + 3.9363E-004$$

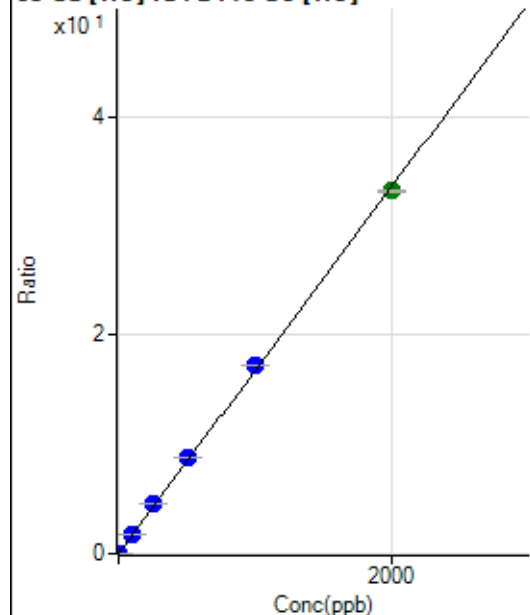
$$R = 0.9997$$

$$DL = 0.03792$$

$$BEC = 0.06277$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>63</sup>Cu [He] ISTD:45 Sc [He]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 347.79      | 0.0010  | P   | 1.6 |
| 2 | <input type="checkbox"/> | 0.200    |            |             |         |     |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.223      | 13141.63    | 0.0384  | P   | 1.2 |
| 4 | <input type="checkbox"/> | 100.000  | 109.431    | 606165.02   | 1.8394  | P   | 0.5 |
| 5 | <input type="checkbox"/> | 250.000  | 269.874    | 1405758.73  | 4.5347  | P   | 0.1 |
| 6 | <input type="checkbox"/> | 500.000  | 525.303    | 2649644.37  | 8.8257  | P   | 0.6 |
| 7 | <input type="checkbox"/> | 1000.000 | 1025.035   | 5247453.15  | 17.2208 | P   | 0.5 |
| 8 | <input type="checkbox"/> | 2000.000 | 1978.201   | 10092424.08 | 33.2332 | A   | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 26729.05    | 0.0777  | P   | 1.6 |

$$y = 0.0168 * x + 0.0010$$

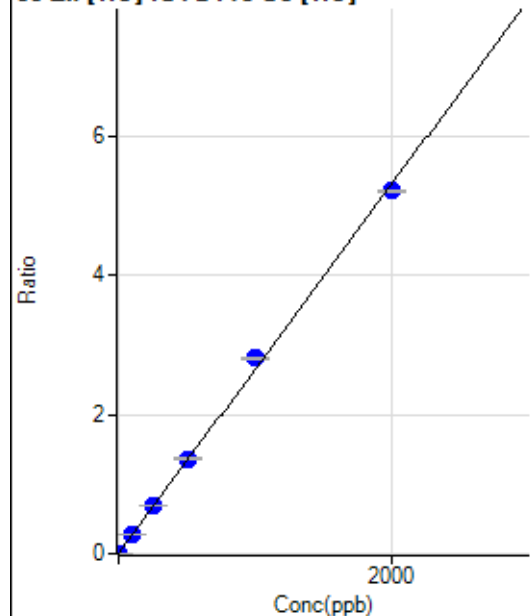
$$R = 0.9998$$

$$DL = 0.002803$$

$$BEC = 0.06009$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>66</sup>Zn [He] ISTD:45 Sc [He]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 532.24     | 0.0015 | P   | 10.8 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 2.335      | 2652.51    | 0.0077 | P   | 4.5  |
| 4 | <input type="checkbox"/> | 100.000  | 107.109    | 94183.53   | 0.2858 | P   | 1.0  |
| 5 | <input type="checkbox"/> | 250.000  | 263.339    | 217127.98  | 0.7004 | P   | 0.3  |
| 6 | <input type="checkbox"/> | 500.000  | 514.912    | 410716.85  | 1.3680 | P   | 0.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 1057.748   | 855834.21  | 2.8086 | P   | 0.7  |
| 8 | <input type="checkbox"/> | 2000.000 | 1965.375   | 1584436.19 | 5.2173 | P   | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 14015.78   | 0.0407 | P   | 2.5  |

$$y = 0.0027 * x + 0.0015$$

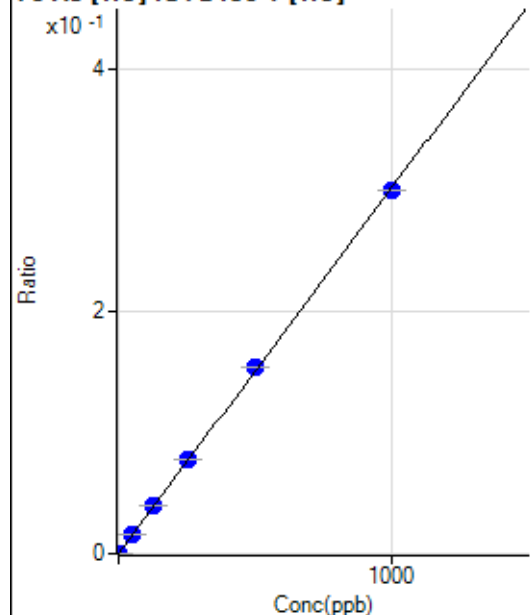
$$R = 0.9993$$

$$DL = 0.1879$$

$$BEC = 0.5822$$

Weight: &lt;None&gt;

Min Conc: 0

**75 As [He] ISTD:89 Y [He]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 9.88      | 0.0000 | P    | 47.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.092      | 590.14    | 0.0003 | P    | 9.3  |
| 4 | <input type="checkbox"/> | 50.000   | 52.657     | 27025.14  | 0.0159 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 130.173    | 63080.87  | 0.0393 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 257.009    | 120958.54 | 0.0775 | P    | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 509.844    | 243826.99 | 0.1538 | P    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.546    | 466334.35 | 0.2994 | P    | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 772.86    | 0.0004 | P    | 6.7  |

$$y = 3.0167\text{E-}004 * x + 5.5873\text{E-}006$$

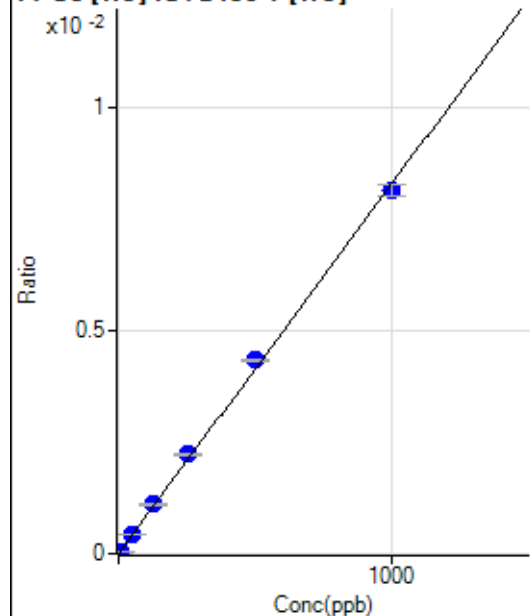
$$R = 0.9999$$

$$DL = 0.02625$$

$$BEC = 0.01852$$

Weight: &lt;None&gt;

Min Conc: 0

**77 Se [He] ISTD:89 Y [He]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD   |
|---|--------------------------|----------|------------|----------|--------|------|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1.11     | 0.0000 | P    | 173.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |      |       |
| 3 | <input type="checkbox"/> | 5.000    | 6.024      | 88.89    | 0.0001 | P    | 19.1  |
| 4 | <input type="checkbox"/> | 50.000   | 50.506     | 712.25   | 0.0004 | P    | 2.1   |
| 5 | <input type="checkbox"/> | 125.000  | 132.867    | 1767.92  | 0.0011 | P    | 7.2   |
| 6 | <input type="checkbox"/> | 250.000  | 268.161    | 3464.92  | 0.0022 | P    | 0.9   |
| 7 | <input type="checkbox"/> | 500.000  | 525.148    | 6893.98  | 0.0043 | P    | 1.1   |
| 8 | <input type="checkbox"/> | 1000.000 | 981.872    | 12663.46 | 0.0081 | P    | 3.2   |
| 9 | <input type="checkbox"/> |          |            | 7.78     | 0.0000 | P    | 49.7  |

$$y = 8.2802\text{E-}006 * x + 6.2820\text{E-}007$$

$$R = 0.9993$$

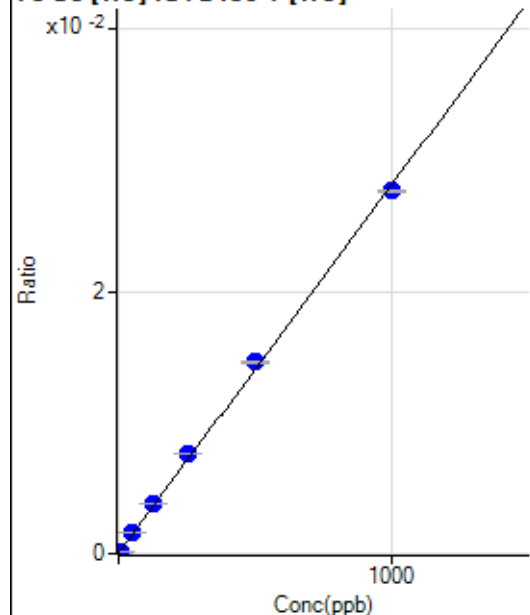
$$DL = 0.3942$$

$$BEC = 0.07587$$

Weight: &lt;None&gt;

Min Conc: 0

78 Se [He] ISTD:89 Y [He]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 74.08    | 0.0000 | P   | 14.0 |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.437      | 342.60   | 0.0002 | P   | 9.6  |
| 4 | <input type="checkbox"/> | 50.000   | 55.686     | 2731.14  | 0.0016 | P   | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 135.167    | 6164.94  | 0.0038 | P   | 1.0  |
| 6 | <input type="checkbox"/> | 250.000  | 268.289    | 11821.56 | 0.0076 | P   | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 518.723    | 23162.38 | 0.0146 | P   | 1.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 984.509    | 43131.71 | 0.0277 | P   | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 103.09   | 0.0001 | P   | 17.6 |

$$y = 2.8087\text{E-}005 * x + 4.1893\text{E-}005$$

$$R = 0.9995$$

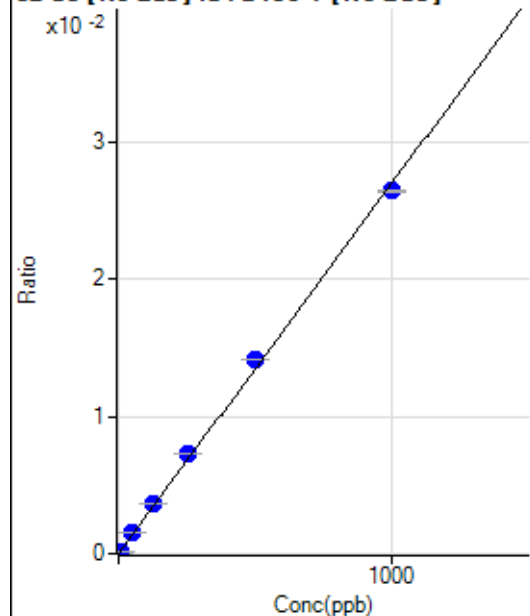
$$DL = 0.6278$$

$$BEC = 1.492$$

Weight: &lt;None&gt;

Min Conc: 0

82 Se [No Gas] ISTD:89 Y [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD   |
|---|--------------------------|----------|------------|-----------|--------|-----|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | -33.84    | 0.0000 | P   | -183. |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |     |       |
| 3 | <input type="checkbox"/> | 5.000    | 5.391      | 1807.64   | 0.0001 | P   | 2.0   |
| 4 | <input type="checkbox"/> | 50.000   | 55.216     | 18318.55  | 0.0015 | P   | 0.8   |
| 5 | <input type="checkbox"/> | 125.000  | 136.070    | 42689.55  | 0.0037 | P   | 0.2   |
| 6 | <input type="checkbox"/> | 250.000  | 267.945    | 79835.33  | 0.0072 | P   | 0.1   |
| 7 | <input type="checkbox"/> | 500.000  | 526.003    | 159156.05 | 0.0142 | P   | 0.4   |
| 8 | <input type="checkbox"/> | 1000.000 | 980.866    | 290626.37 | 0.0264 | P   | 0.7   |
| 9 | <input type="checkbox"/> |          |            | 306.88    | 0.0000 | P   | 19.4  |

$$y = 2.6963\text{E-}005 * x - 2.7983\text{E-}006$$

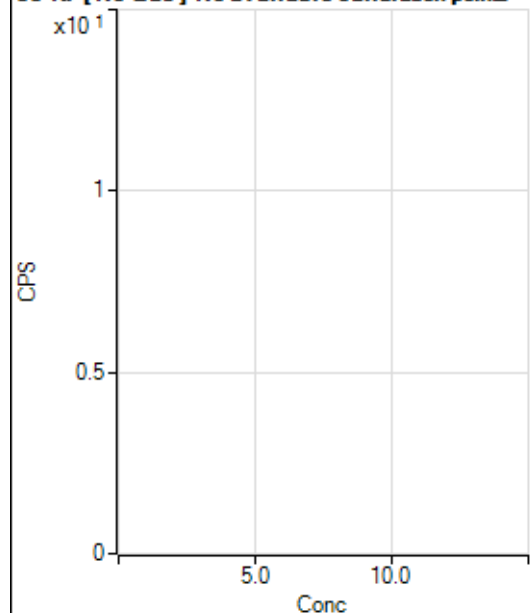
$$R = 0.9993$$

$$DL = 0.5707$$

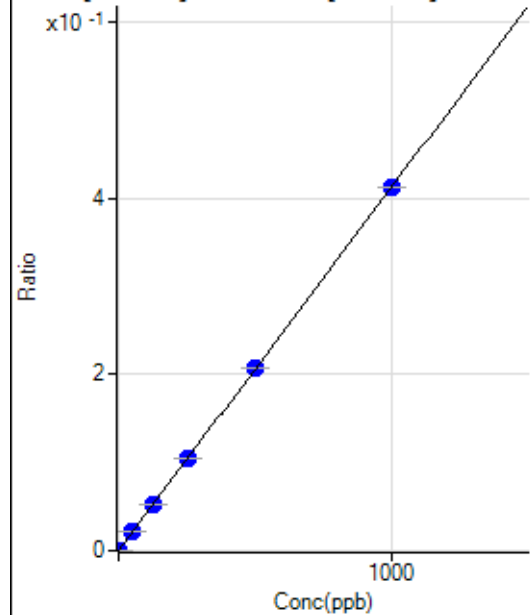
$$BEC = -0.1038$$

Weight: &lt;None&gt;

Min Conc: 0

**83 Kr [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|--------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 895.60 |       | P        | 6.9 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |     |
| 3 | <input type="checkbox"/> |       |            | 900.04 |       | P        | 2.4 |
| 4 | <input type="checkbox"/> |       |            | 820.04 |       | P        | 3.9 |
| 5 | <input type="checkbox"/> |       |            | 777.81 |       | P        | 9.9 |
| 6 | <input type="checkbox"/> |       |            | 768.92 |       | P        | 3.0 |
| 7 | <input type="checkbox"/> |       |            | 737.81 |       | P        | 4.0 |
| 8 | <input type="checkbox"/> |       |            | 791.14 |       | P        | 4.4 |
| 9 | <input type="checkbox"/> |       |            | 910.05 |       | P        | 4.7 |

**86 Sr [ No Gas ] ISTD : 89 Y [ No Gas ]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1339.02    | 0.0001 | P        | 6.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.034      | 6818.54    | 0.0005 | P        | 2.5 |
| 4 | <input type="checkbox"/> | 50.000   | 51.121     | 261427.03  | 0.0212 | P        | 1.2 |
| 5 | <input type="checkbox"/> | 125.000  | 127.156    | 612384.96  | 0.0526 | P        | 0.2 |
| 6 | <input type="checkbox"/> | 250.000  | 253.107    | 1156001.75 | 0.1046 | P        | 0.2 |
| 7 | <input type="checkbox"/> | 500.000  | 501.434    | 2324041.24 | 0.2071 | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 998.180    | 4528863.47 | 0.4121 | P        | 0.1 |
| 9 | <input type="checkbox"/> |          |            | 25568.07   | 0.0021 | P        | 1.9 |

$$y = 4.1271\text{E-}004 * x + 1.1115\text{E-}004$$

$$R = 1.0000$$

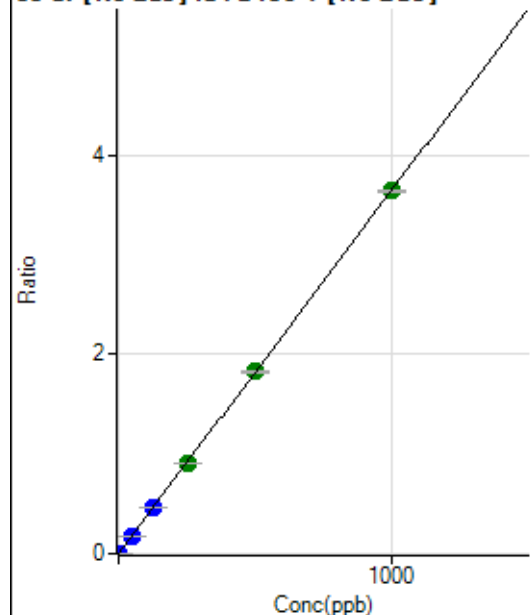
$$DL = 0.05014$$

$$BEC = 0.2693$$

Weight: &lt;None&gt;

Min Conc: 0

88 Sr [No Gas] ISTD:89 Y [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 205.57      | 0.0000 | P        | 18.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.016      | 47214.75    | 0.0037 | P        | 1.4  |
| 4 | <input type="checkbox"/> | 50.000   | 50.192     | 2256366.72  | 0.1830 | P        | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 126.119    | 5355521.91  | 0.4599 | P        | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 250.647    | 10104136.68 | 0.9140 | A        | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 501.156    | 20512491.95 | 1.8275 | A        | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.110    | 40041324.16 | 3.6433 | A        | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 213151.71   | 0.0173 | P        | 1.7  |

$$y = 0.0036 * x + 1.7063E-005$$

$$R = 1.0000$$

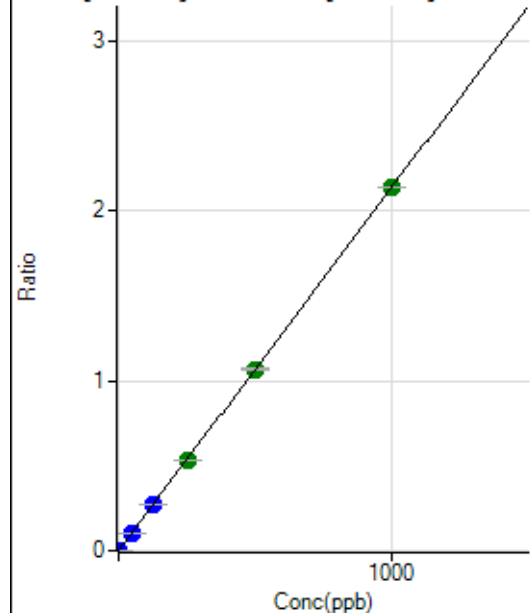
$$DL = 0.002549$$

$$BEC = 0.004679$$

Weight: &lt;None&gt;

Min Conc: 0

90 Zr [No Gas] ISTD:89 Y [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 858.40      | 0.0001 | P        | 8.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.034      | 28885.50    | 0.0023 | P        | 0.8 |
| 4 | <input type="checkbox"/> | 50.000   | 49.950     | 1315429.64  | 0.1067 | P        | 0.2 |
| 5 | <input type="checkbox"/> | 125.000  | 125.196    | 3113302.02  | 0.2674 | P        | 0.3 |
| 6 | <input type="checkbox"/> | 250.000  | 250.400    | 5910632.25  | 0.5347 | A        | 0.2 |
| 7 | <input type="checkbox"/> | 500.000  | 500.535    | 11995327.61 | 1.0687 | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 999.610    | 23456037.16 | 2.1342 | A        | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 13056.44    | 0.0011 | P        | 2.2 |

$$y = 0.0021 * x + 7.1267E-005$$

$$R = 1.0000$$

$$DL = 0.008218$$

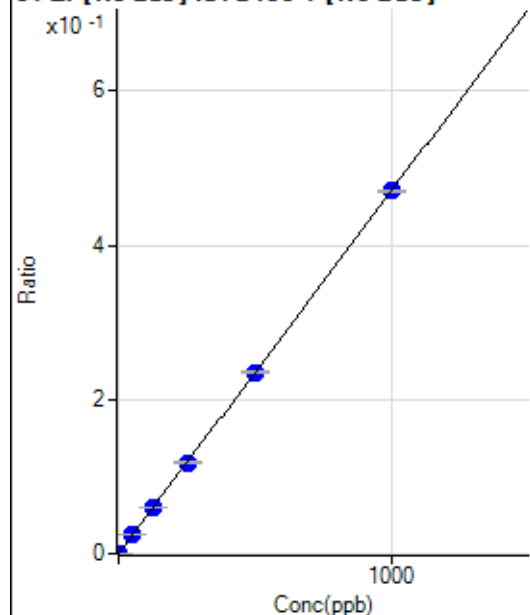
$$BEC = 0.03338$$

Weight: &lt;None&gt;

Min Conc: 0



91 Zr [No Gas] ISTD : 89 Y [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 155.57     | 0.0000 | P    | 21.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.050      | 6426.70    | 0.0005 | P    | 4.0  |
| 4 | <input type="checkbox"/> | 50.000   | 50.454     | 292826.71  | 0.0238 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 126.221    | 691763.53  | 0.0594 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 251.629    | 1309078.43 | 0.1184 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 499.729    | 2639523.91 | 0.2352 | P    | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.553    | 5169471.34 | 0.4704 | P    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 2983.78    | 0.0002 | P    | 1.7  |

$$y = 4.7055\text{E-}004 * x + 1.2918\text{E-}005$$

$$R = 1.0000$$

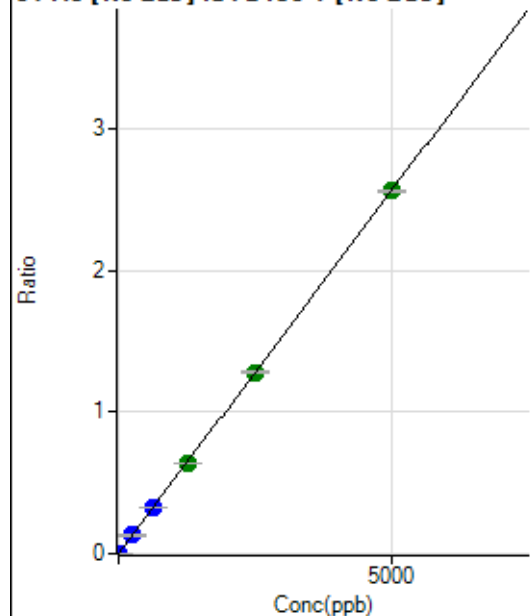
$$DL = 0.01804$$

$$BEC = 0.02745$$

Weight: &lt;None&gt;

Min Conc: 0

94 Mo [No Gas] ISTD : 89 Y [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 344.47      | 0.0000 | P    | 5.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 5.075      | 33403.97    | 0.0026 | P    | 2.0 |
| 4 | <input type="checkbox"/> | 250.000  | 252.233    | 1596894.23  | 0.1295 | P    | 0.5 |
| 5 | <input type="checkbox"/> | 625.000  | 628.493    | 3758247.70  | 0.3227 | P    | 0.3 |
| 6 | <input type="checkbox"/> | 1250.000 | 1251.755   | 7105750.33  | 0.6428 | A    | 0.5 |
| 7 | <input type="checkbox"/> | 2500.000 | 2502.319   | 14422410.22 | 1.2849 | A    | 0.3 |
| 8 | <input type="checkbox"/> | 5000.000 | 4997.853   | 28204947.85 | 2.5663 | A    | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 40622.70    | 0.0033 | P    | 0.2 |

$$y = 5.1347\text{E-}004 * x + 2.8596\text{E-}005$$

$$R = 1.0000$$

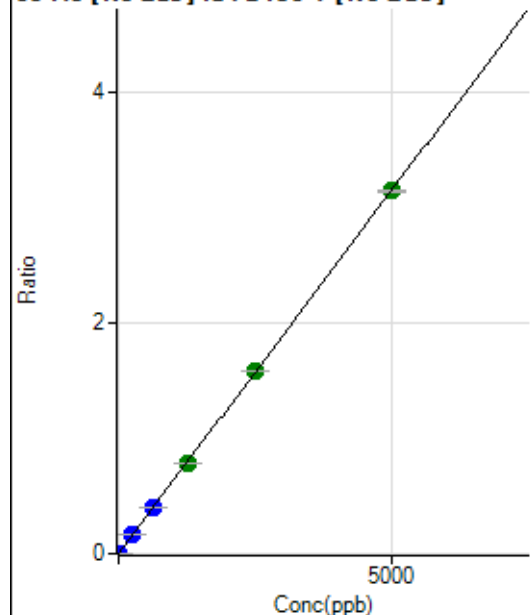
$$DL = 0.008636$$

$$BEC = 0.05569$$

Weight: &lt;None&gt;

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 86.12       | 0.0000 | P    | 5.3 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 4.993      | 39993.23    | 0.0032 | P    | 2.3 |
| 4 | <input type="checkbox"/> | 250.000  | 252.028    | 1958313.74  | 0.1589 | P    | 0.3 |
| 5 | <input type="checkbox"/> | 625.000  | 629.814    | 4622771.59  | 0.3970 | P    | 0.3 |
| 6 | <input type="checkbox"/> | 1250.000 | 1253.018   | 8731003.84  | 0.7898 | A    | 0.4 |
| 7 | <input type="checkbox"/> | 2500.000 | 2506.222   | 17731293.11 | 1.5797 | A    | 0.2 |
| 8 | <input type="checkbox"/> | 5000.000 | 4995.431   | 34605613.27 | 3.1487 | A    | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 62261.17    | 0.0051 | P    | 1.1 |

$$y = 6.3031E-004 * x + 7.1481E-006$$

$$R = 1.0000$$

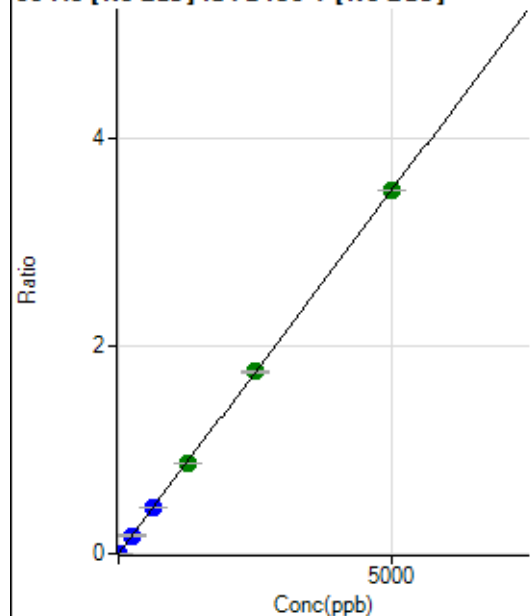
$$DL = 0.001815$$

$$BEC = 0.01134$$

Weight: &lt;None&gt;

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 177.79      | 0.0000 | P    | 6.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 4.951      | 44147.23    | 0.0035 | P    | 1.2 |
| 4 | <input type="checkbox"/> | 250.000  | 251.482    | 2170825.96  | 0.1761 | P    | 0.5 |
| 5 | <input type="checkbox"/> | 625.000  | 628.884    | 5127796.77  | 0.4404 | P    | 0.4 |
| 6 | <input type="checkbox"/> | 1250.000 | 1253.374   | 9701913.58  | 0.8776 | A    | 0.6 |
| 7 | <input type="checkbox"/> | 2500.000 | 2502.976   | 19671838.46 | 1.7526 | A    | 0.1 |
| 8 | <input type="checkbox"/> | 5000.000 | 4997.109   | 38455783.15 | 3.4990 | A    | 0.1 |
| 9 | <input type="checkbox"/> |          |            | 80633.29    | 0.0065 | P    | 1.7 |

$$y = 7.0020E-004 * x + 1.4757E-005$$

$$R = 1.0000$$

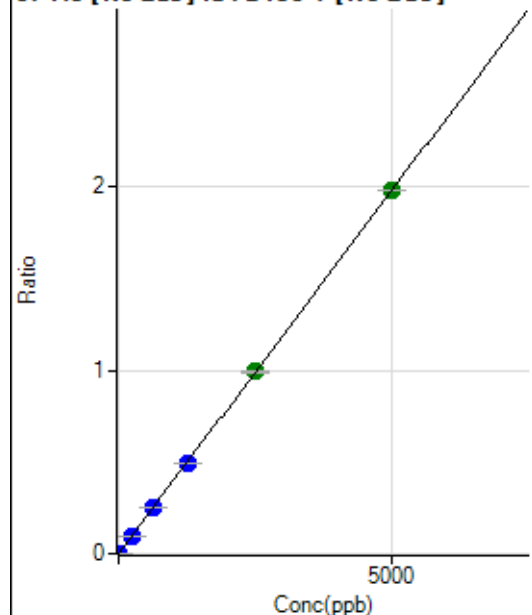
$$DL = 0.004339$$

$$BEC = 0.02108$$

Weight: &lt;None&gt;

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 30.56       | 0.0000 | P    | 57.1 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.886      | 24552.44    | 0.0019 | P    | 1.0  |
| 4 | <input type="checkbox"/> | 250.000  | 248.483    | 1212260.15  | 0.0983 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 625.000  | 624.417    | 2877656.16  | 0.2471 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 1250.000 | 1240.814   | 5428631.03  | 0.4911 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2505.925   | 11131758.75 | 0.9917 | A    | 0.2  |
| 8 | <input type="checkbox"/> | 5000.000 | 4999.483   | 21745915.59 | 1.9786 | A    | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 39213.06    | 0.0032 | P    | 2.3  |

$$y = 3.9576E-004 * x + 2.5390E-006$$

$$R = 1.0000$$

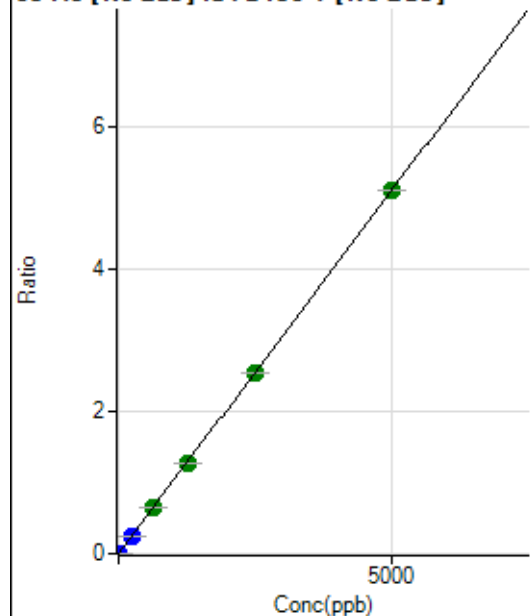
$$DL = 0.01098$$

$$BEC = 0.006416$$

Weight: &lt;None&gt;

Min Conc: 0

98 Mo [No Gas] ISTD:89 Y [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 186.12      | 0.0000 | P    | 26.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.953      | 64127.97    | 0.0051 | P    | 1.9  |
| 4 | <input type="checkbox"/> | 250.000  | 250.752    | 3146498.09  | 0.2553 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 625.000  | 626.485    | 7425980.02  | 0.6377 | A    | 0.0  |
| 6 | <input type="checkbox"/> | 1250.000 | 1248.673   | 14051155.17 | 1.2710 | A    | 0.1  |
| 7 | <input type="checkbox"/> | 2500.000 | 2502.627   | 28593415.92 | 2.5474 | A    | 0.1  |
| 8 | <input type="checkbox"/> | 5000.000 | 4998.795   | 55923520.00 | 5.0883 | A    | 0.0  |
| 9 | <input type="checkbox"/> |          |            | 99096.50    | 0.0080 | P    | 1.2  |

$$y = 0.0010 * x + 1.5448E-005$$

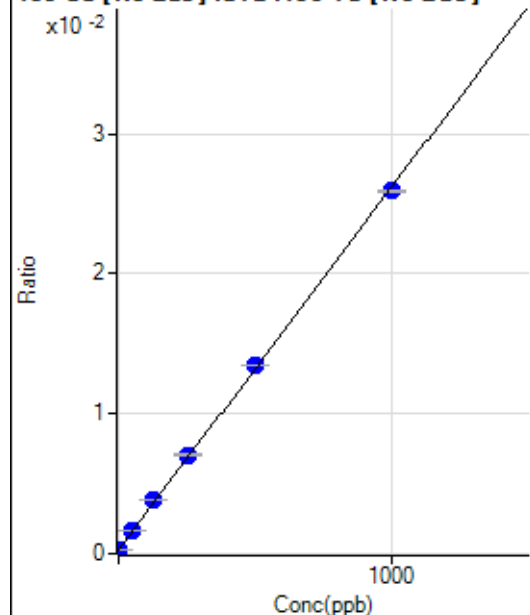
$$R = 1.0000$$

$$DL = 0.01191$$

$$BEC = 0.01518$$

Weight: &lt;None&gt;

Min Conc: 0

**106 Cd [No Gas] ISTD :159 Tb [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 4895.48   | 0.0003 | P    | 1.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.397      | 5370.69   | 0.0003 | P    | 0.8 |
| 4 | <input type="checkbox"/> | 50.000   | 53.924     | 30230.30  | 0.0017 | P    | 1.4 |
| 5 | <input type="checkbox"/> | 125.000  | 135.736    | 66107.58  | 0.0038 | P    | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 261.875    | 120380.18 | 0.0071 | P    | 0.9 |
| 7 | <input type="checkbox"/> | 500.000  | 509.959    | 233526.88 | 0.0135 | P    | 0.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 990.514    | 438997.32 | 0.0259 | P    | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 5014.98   | 0.0003 | P    | 0.7 |

$$y = 2.5885E-005 * x + 2.8529E-004$$

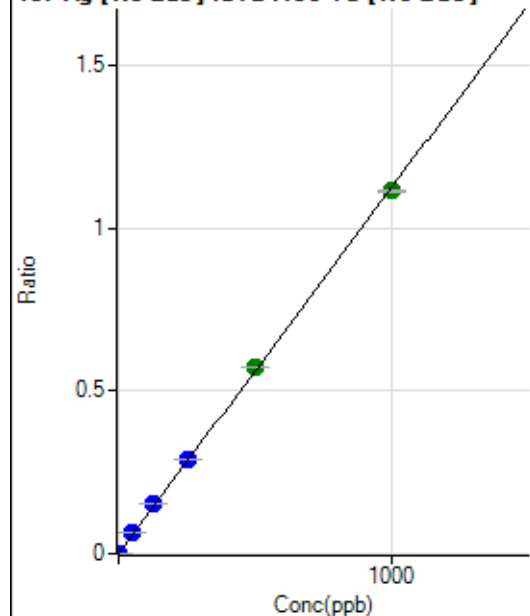
$$R = 0.9998$$

$$DL = 0.5589$$

$$BEC = 11.02$$

Weight: &lt;None&gt;

Min Conc: 0

**107 Ag [No Gas] ISTD :159 Tb [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 147.23      | 0.0000 | P    | 23.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.113      | 22860.83    | 0.0013 | P    | 3.5  |
| 4 | <input type="checkbox"/> | 50.000   | 55.887     | 1128774.86  | 0.0628 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 135.552    | 2649114.51  | 0.1522 | P    | 0.1  |
| 6 | <input type="checkbox"/> | 250.000  | 257.474    | 4927472.38  | 0.2891 | P    | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 509.619    | 9910477.48  | 0.5723 | A    | 0.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 991.709    | 18858389.31 | 1.1137 | A    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 3700.65     | 0.0002 | P    | 10.3 |

$$y = 0.0011 * x + 8.5755E-006$$

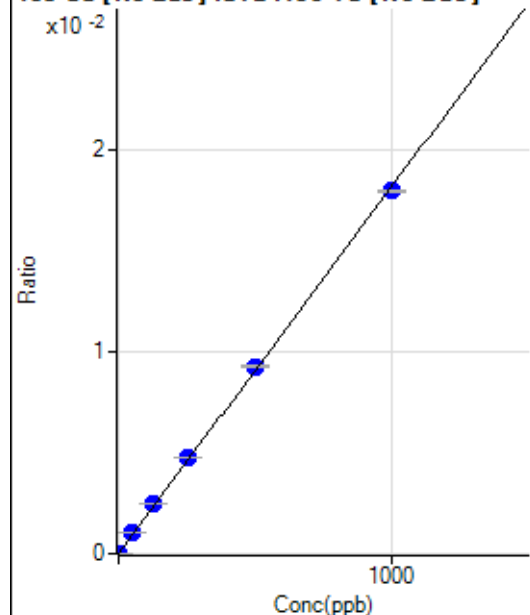
$$R = 0.9999$$

$$DL = 0.005333$$

$$BEC = 0.007636$$

Weight: &lt;None&gt;

Min Conc: 0

**108 Cd [No Gas] ISTD :159 Tb [No Gas]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 26.39     | 0.0000 | P    | 39.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.077      | 383.35    | 0.0000 | P    | 14.1 |
| 4 | <input type="checkbox"/> | 50.000   | 56.106     | 18356.60  | 0.0010 | P    | 1.4  |
| 5 | <input type="checkbox"/> | 125.000  | 138.123    | 43690.97  | 0.0025 | P    | 0.1  |
| 6 | <input type="checkbox"/> | 250.000  | 263.864    | 81711.70  | 0.0048 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 511.052    | 160787.41 | 0.0093 | P    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 989.062    | 304275.87 | 0.0180 | P    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 130.56    | 0.0000 | P    | 12.1 |

$$y = 1.8166\text{E-}005 * x + 1.5362\text{E-}006$$

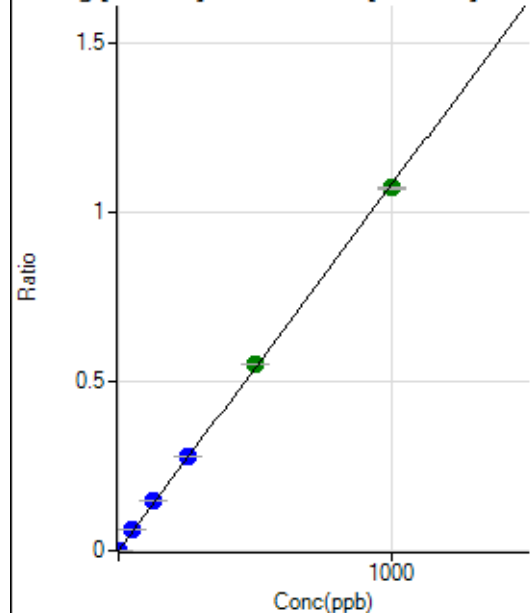
$$R = 0.9998$$

$$DL = 0.09975$$

$$BEC = 0.08457$$

Weight: &lt;None&gt;

Min Conc: 0

**109 Ag [No Gas] ISTD :159 Tb [No Gas]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 91.67       | 0.0000 | P    | 26.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.127      | 22246.18    | 0.0012 | P    | 2.1  |
| 4 | <input type="checkbox"/> | 50.000   | 55.847     | 1086256.07  | 0.0604 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 135.481    | 2549899.17  | 0.1465 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 258.499    | 4764337.39  | 0.2796 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 509.643    | 9544720.44  | 0.5512 | A    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 991.451    | 18156814.64 | 1.0723 | A    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 3483.91     | 0.0002 | P    | 2.1  |

$$y = 0.0011 * x + 5.3383\text{E-}006$$

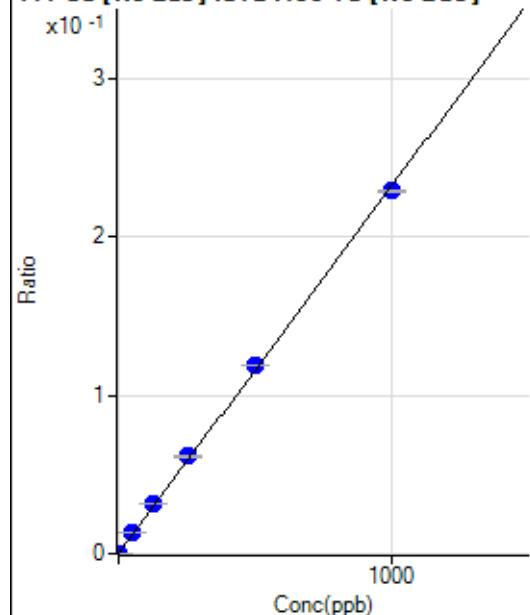
$$R = 0.9999$$

$$DL = 0.003982$$

$$BEC = 0.004936$$

Weight: &lt;None&gt;

Min Conc: 0

**111 Cd [No Gas] ISTD:159 Tb [No Gas]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1477.95    | 0.0001 | P    | 2.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.092      | 6160.45    | 0.0003 | P    | 1.2 |
| 4 | <input type="checkbox"/> | 50.000   | 55.711     | 233662.18  | 0.0130 | P    | 0.3 |
| 5 | <input type="checkbox"/> | 125.000  | 136.591    | 552187.18  | 0.0317 | P    | 0.2 |
| 6 | <input type="checkbox"/> | 250.000  | 264.381    | 1045281.48 | 0.0613 | P    | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 514.650    | 2066254.80 | 0.1193 | P    | 0.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 987.345    | 3874899.75 | 0.2288 | P    | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 2395.11    | 0.0001 | P    | 4.6 |

$$y = 2.3168\text{E-}004 * x + 8.6131\text{E-}005$$

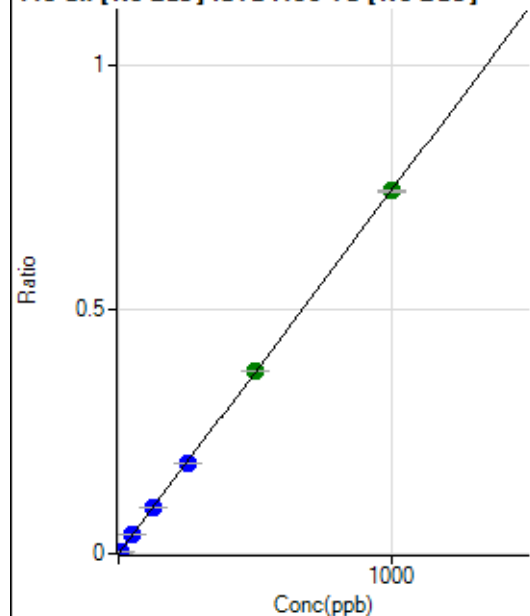
$$R = 0.9997$$

$$DL = 0.03062$$

$$BEC = 0.3718$$

Weight: &lt;None&gt;

Min Conc: 0

**118 Sn [No Gas] ISTD:159 Tb [No Gas]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1236.23     | 0.0001 | P    | 5.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 5.176      | 71325.46    | 0.0039 | P    | 1.6 |
| 4 | <input type="checkbox"/> | 50.000   | 51.987     | 697279.28   | 0.0388 | P    | 0.4 |
| 5 | <input type="checkbox"/> | 125.000  | 128.462    | 1665444.68  | 0.0957 | P    | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 250.159    | 3174830.39  | 0.1863 | P    | 0.1 |
| 7 | <input type="checkbox"/> | 500.000  | 501.342    | 6464295.07  | 0.3733 | A    | 0.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 998.756    | 12591683.79 | 0.7436 | A    | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 18896.79    | 0.0010 | P    | 1.3 |

$$y = 7.4444\text{E-}004 * x + 7.2049\text{E-}005$$

$$R = 1.0000$$

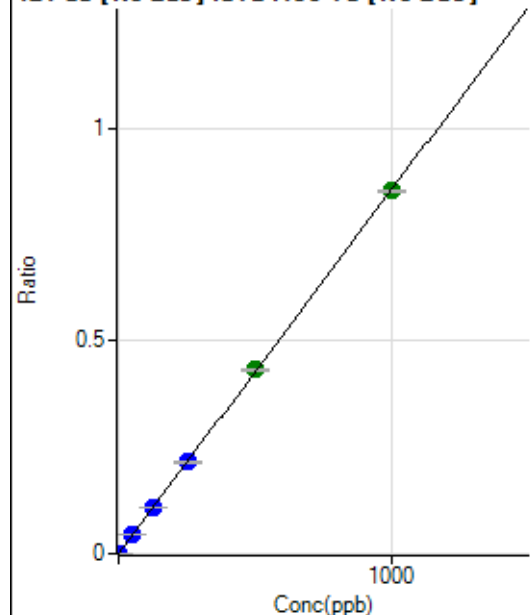
$$DL = 0.01682$$

$$BEC = 0.09678$$

Weight: &lt;None&gt;

Min Conc: 0

121 Sb [No Gas] ISTD : 159 Tb [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 141.68      | 0.0000 | P    | 30.7 |
| 2 | <input type="checkbox"/> | 0.200    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 2.078      | 32441.05    | 0.0018 | P    | 1.9  |
| 4 | <input type="checkbox"/> | 50.000   | 52.001     | 799971.69   | 0.0445 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 128.783    | 1916938.59  | 0.1102 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 251.415    | 3664671.26  | 0.2150 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 504.660    | 7474770.91  | 0.4316 | A    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.743    | 14436313.87 | 0.8525 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 24252.42    | 0.0013 | P    | 0.9  |

$$y = 8.5530E-004 * x + 8.2489E-006$$

$$R = 1.0000$$

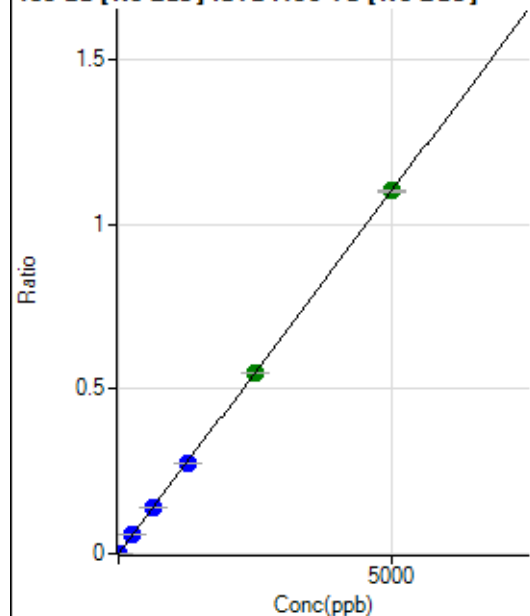
$$DL = 0.008874$$

$$BEC = 0.009645$$

Weight: &lt;None&gt;

Min Conc: 0

135 Ba [No Gas] ISTD : 159 Tb [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 38.89       | 0.0000 | P    | 44.9 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 10.236     | 40961.24    | 0.0023 | P    | 1.2  |
| 4 | <input type="checkbox"/> | 250.000  | 258.489    | 1022697.18  | 0.0569 | P    | 0.2  |
| 5 | <input type="checkbox"/> | 625.000  | 639.817    | 2449485.06  | 0.1408 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 1250.000 | 1252.371   | 4695237.21  | 0.2755 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 2500.000 | 2492.874   | 9497202.21  | 0.5484 | A    | 0.6  |
| 8 | <input type="checkbox"/> | 5000.000 | 5000.693   | 18628961.88 | 1.1001 | A    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 5003.90     | 0.0003 | P    | 3.2  |

$$y = 2.1999E-004 * x + 2.2683E-006$$

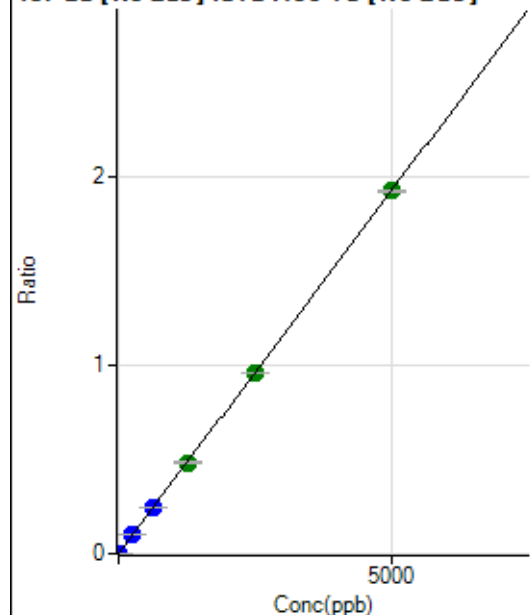
$$R = 1.0000$$

$$DL = 0.01389$$

$$BEC = 0.01031$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>137</sup>Ba [No Gas] ISTD : <sup>159</sup>Tb [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 61.11       | 0.0000 | P        | 51.9 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 10.000   | 10.087     | 70830.72    | 0.0039 | P        | 0.5  |
| 4 | <input type="checkbox"/> | 250.000  | 258.868    | 1797428.90  | 0.0999 | P        | 0.1  |
| 5 | <input type="checkbox"/> | 625.000  | 641.925    | 4312958.65  | 0.2478 | P        | 0.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1256.294   | 8265806.87  | 0.4850 | A        | 0.7  |
| 7 | <input type="checkbox"/> | 2500.000 | 2495.713   | 16686336.66 | 0.9636 | A        | 0.5  |
| 8 | <input type="checkbox"/> | 5000.000 | 4998.011   | 32676129.55 | 1.9297 | A        | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 8853.19     | 0.0005 | P        | 2.8  |

$$y = 3.8608\text{E-}004 * x + 3.5664\text{E-}006$$

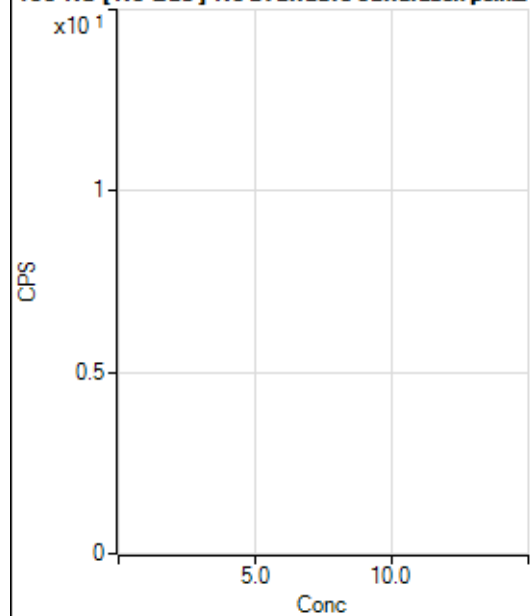
$$R = 1.0000$$

$$DL = 0.01437$$

$$BEC = 0.009237$$

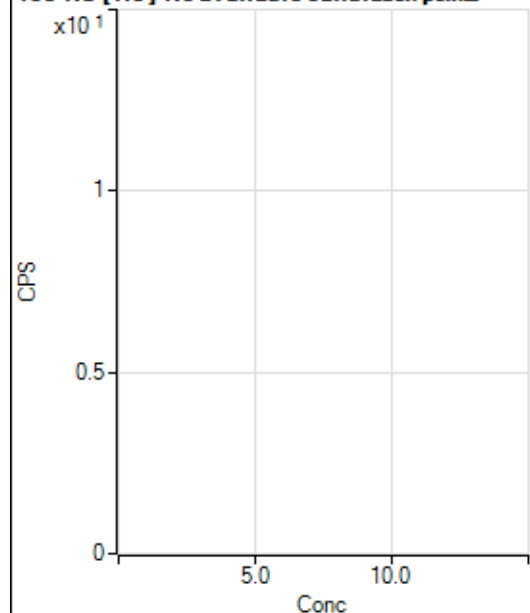
Weight: &lt;None&gt;

Min Conc: 0

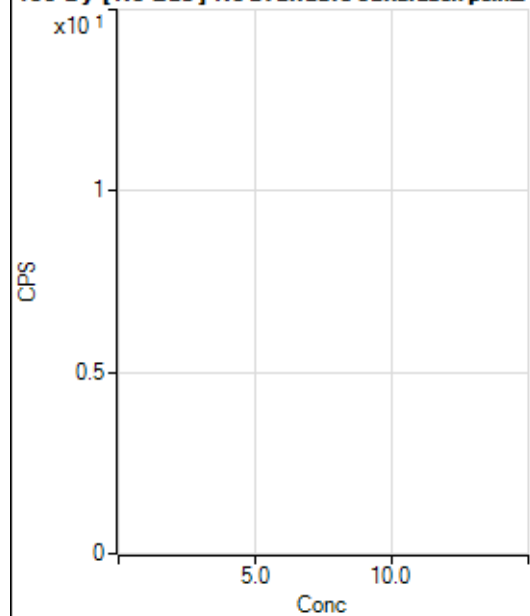
**<sup>150</sup>Nd [No Gas] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|---------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 6.67    |       | P        | 100.0 |
| 2 | <input type="checkbox"/> |       |            |         |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 13.33   |       | P        | 86.6  |
| 4 | <input type="checkbox"/> |       |            | 91.11   |       | P        | 27.7  |
| 5 | <input type="checkbox"/> |       |            | 211.12  |       | P        | 13.1  |
| 6 | <input type="checkbox"/> |       |            | 368.91  |       | P        | 15.4  |
| 7 | <input type="checkbox"/> |       |            | 742.27  |       | P        | 18.5  |
| 8 | <input type="checkbox"/> |       |            | 1473.47 |       | P        | 6.6   |
| 9 | <input type="checkbox"/> |       |            | 362.24  |       | P        | 15.9  |

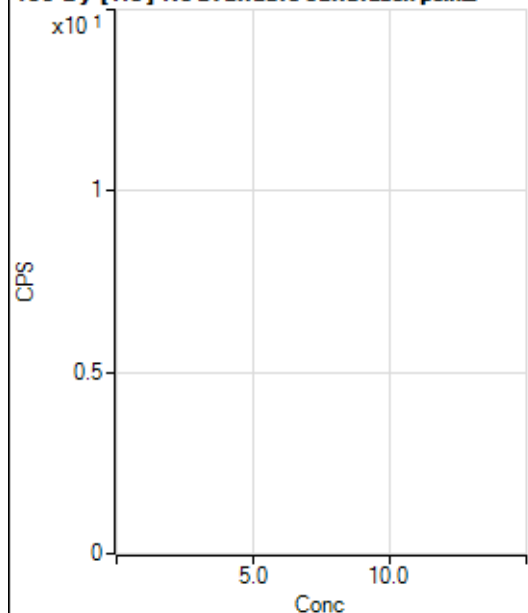


**150 Nd [He] No available calibration points**

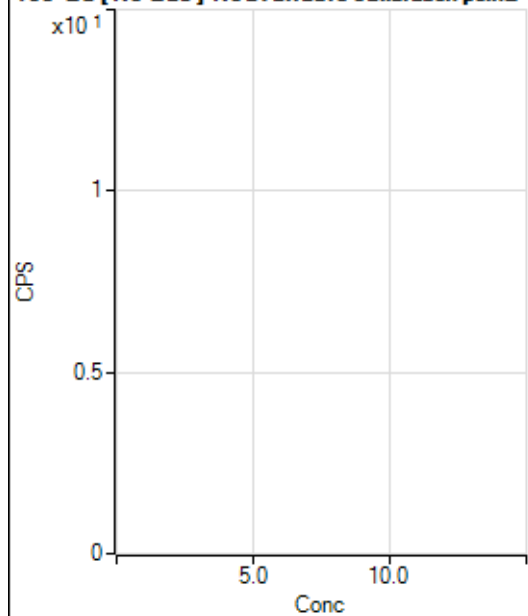
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|--------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 1.11   |       | P        | 173.2 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 0.00   |       | P        |       |
| 4 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 96.4  |
| 5 | <input type="checkbox"/> |       |            | 24.45  |       | P        | 28.4  |
| 6 | <input type="checkbox"/> |       |            | 33.33  |       | P        | 17.3  |
| 7 | <input type="checkbox"/> |       |            | 72.22  |       | P        | 16.2  |
| 8 | <input type="checkbox"/> |       |            | 102.23 |       | P        | 18.0  |
| 9 | <input type="checkbox"/> |       |            | 96.67  |       | P        | 21.0  |

**156 Dy [No Gas] No available calibration points**

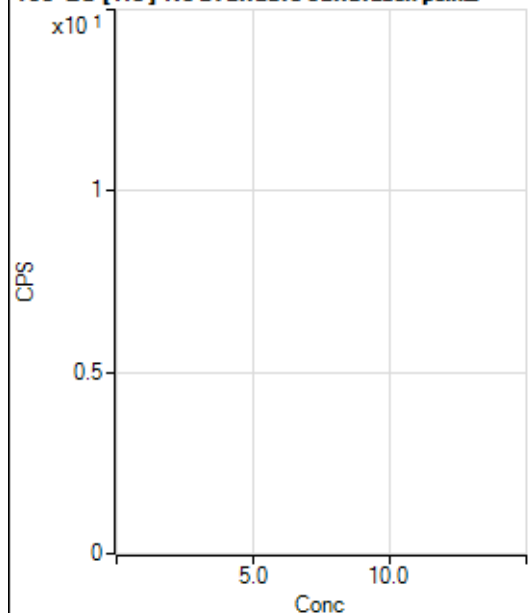
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|--------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 5.56   |       | P        | 173.2 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 43.3  |
| 4 | <input type="checkbox"/> |       |            | 38.89  |       | P        | 24.7  |
| 5 | <input type="checkbox"/> |       |            | 36.11  |       | P        | 48.0  |
| 6 | <input type="checkbox"/> |       |            | 66.67  |       | P        | 33.1  |
| 7 | <input type="checkbox"/> |       |            | 158.34 |       | P        | 9.1   |
| 8 | <input type="checkbox"/> |       |            | 283.35 |       | P        | 11.8  |
| 9 | <input type="checkbox"/> |       |            | 200.01 |       | P        | 20.8  |

**156 Dy [He] No available calibration points**

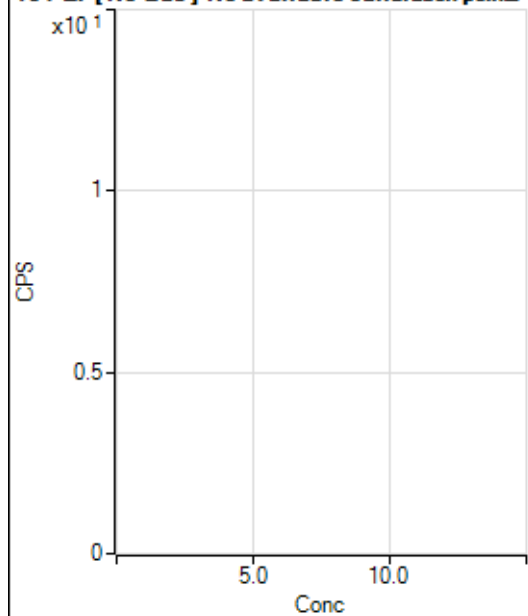
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 10.00  |       | P        | 33.3 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 2.22   |       | P        | 86.6 |
| 4 | <input type="checkbox"/> |       |            | 12.22  |       | P        | 83.3 |
| 5 | <input type="checkbox"/> |       |            | 32.22  |       | P        | 57.0 |
| 6 | <input type="checkbox"/> |       |            | 64.45  |       | P        | 35.2 |
| 7 | <input type="checkbox"/> |       |            | 112.23 |       | P        | 24.7 |
| 8 | <input type="checkbox"/> |       |            | 225.56 |       | P        | 14.8 |
| 9 | <input type="checkbox"/> |       |            | 86.67  |       | P        | 26.9 |

**160 Gd [No Gas] Noavailable calibration poin\_**

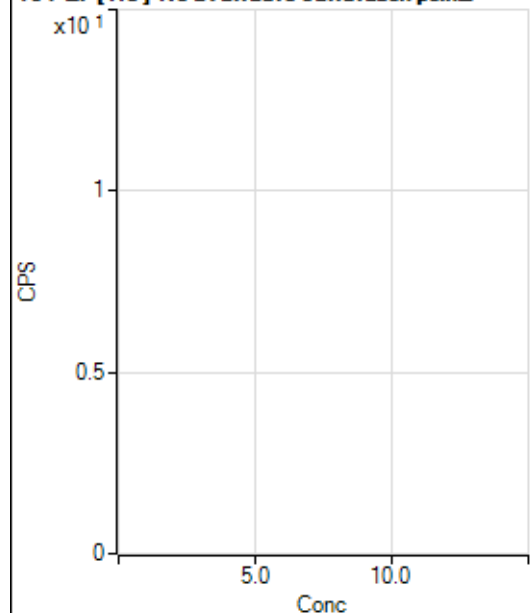
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 127.78 |       | P        | 7.5  |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 133.34 |       | P        | 49.6 |
| 4 | <input type="checkbox"/> |       |            | 144.45 |       | P        | 24.0 |
| 5 | <input type="checkbox"/> |       |            | 108.34 |       | P        | 35.3 |
| 6 | <input type="checkbox"/> |       |            | 166.67 |       | P        | 26.0 |
| 7 | <input type="checkbox"/> |       |            | 158.34 |       | P        | 5.3  |
| 8 | <input type="checkbox"/> |       |            | 161.12 |       | P        | 33.3 |
| 9 | <input type="checkbox"/> |       |            | 266.68 |       | P        | 11.3 |

**160 Gd [He] No available calibration points**

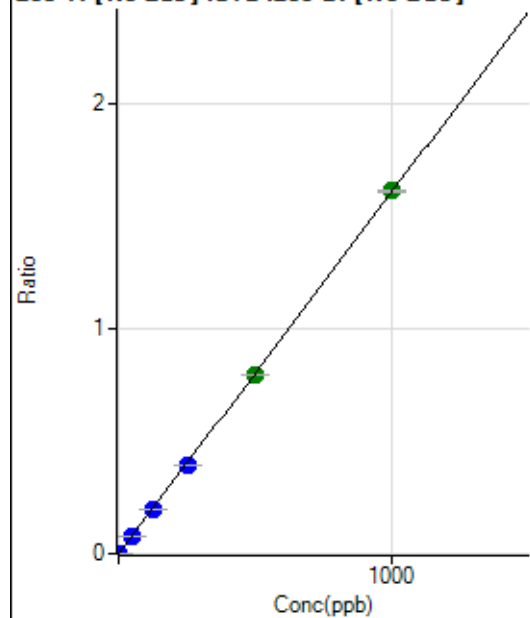
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 231.12 |       | P        | 6.8  |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 197.78 |       | P        | 5.1  |
| 4 | <input type="checkbox"/> |       |            | 216.67 |       | P        | 6.7  |
| 5 | <input type="checkbox"/> |       |            | 207.78 |       | P        | 8.8  |
| 6 | <input type="checkbox"/> |       |            | 213.34 |       | P        | 12.5 |
| 7 | <input type="checkbox"/> |       |            | 204.45 |       | P        | 2.5  |
| 8 | <input type="checkbox"/> |       |            | 217.78 |       | P        | 8.7  |
| 9 | <input type="checkbox"/> |       |            | 284.45 |       | P        | 4.4  |

**164 Er [No Gas] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 52.78  |       | P        | 24.1 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 111.11 |       | P        | 38.5 |
| 4 | <input type="checkbox"/> |       |            | 72.23  |       | P        | 46.6 |
| 5 | <input type="checkbox"/> |       |            | 80.56  |       | P        | 23.9 |
| 6 | <input type="checkbox"/> |       |            | 44.45  |       | P        | 47.2 |
| 7 | <input type="checkbox"/> |       |            | 61.11  |       | P        | 28.4 |
| 8 | <input type="checkbox"/> |       |            | 88.89  |       | P        | 5.4  |
| 9 | <input type="checkbox"/> |       |            | 113.89 |       | P        | 11.2 |

**164 Er [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 25.56 |       | P        | 37.7 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 47.78 |       | P        | 46.5 |
| 4 | <input type="checkbox"/> |       |            | 28.89 |       | P        | 13.3 |
| 5 | <input type="checkbox"/> |       |            | 26.67 |       | P        | 12.5 |
| 6 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 38.6 |
| 7 | <input type="checkbox"/> |       |            | 32.22 |       | P        | 57.0 |
| 8 | <input type="checkbox"/> |       |            | 33.33 |       | P        | 0.0  |
| 9 | <input type="checkbox"/> |       |            | 56.67 |       | P        | 15.6 |

**203 Tl [No Gas] ISTD :209 Bi [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 855.62      | 0.0001 | P        | 4.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.972      | 21457.09    | 0.0016 | P        | 1.6 |
| 4 | <input type="checkbox"/> | 50.000   | 48.607     | 1017235.09  | 0.0783 | P        | 0.3 |
| 5 | <input type="checkbox"/> | 125.000  | 122.042    | 2478351.01  | 0.1964 | P        | 0.4 |
| 6 | <input type="checkbox"/> | 250.000  | 244.408    | 4856601.71  | 0.3932 | P        | 0.5 |
| 7 | <input type="checkbox"/> | 500.000  | 495.270    | 9841651.70  | 0.7967 | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.203   | 18978685.15 | 1.6153 | A        | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 8116.75     | 0.0007 | P        | 5.5 |

$$y = 0.0016 * x + 6.8904E-005$$

$$R = 1.0000$$

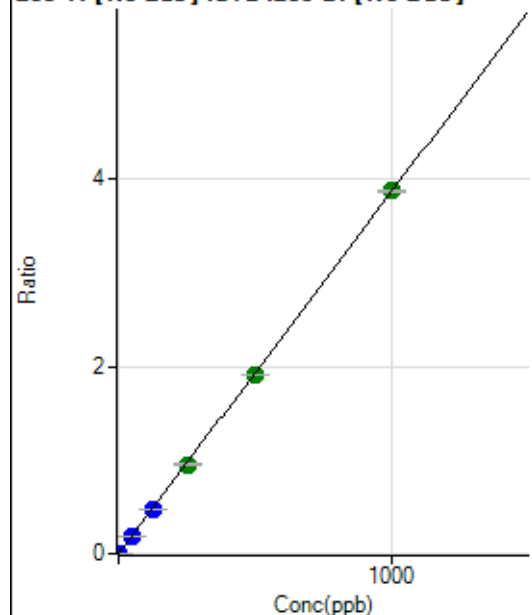
$$DL = 0.005137$$

$$BEC = 0.04284$$

Weight: <None>

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1966.91     | 0.0002 | P        | 9.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.982      | 51994.22    | 0.0040 | P        | 1.7 |
| 4 | <input type="checkbox"/> | 50.000   | 49.123     | 2471851.36  | 0.1902 | P        | 0.3 |
| 5 | <input type="checkbox"/> | 125.000  | 123.214    | 6016525.48  | 0.4767 | P        | 0.3 |
| 6 | <input type="checkbox"/> | 250.000  | 246.671    | 11786047.57 | 0.9542 | A        | 0.5 |
| 7 | <input type="checkbox"/> | 500.000  | 496.156    | 23706815.29 | 1.9192 | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.021   | 45581136.78 | 3.8796 | A        | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 19957.43    | 0.0018 | P        | 4.2 |

$$y = 0.0039 * x + 1.5842E-004$$

$$R = 1.0000$$

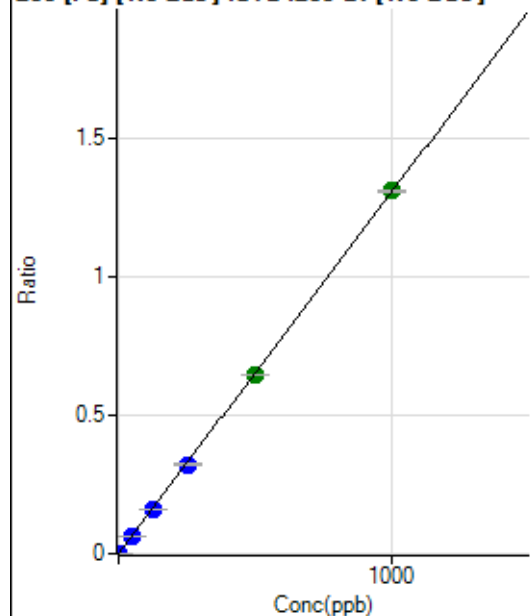
$$DL = 0.01161$$

$$BEC = 0.04096$$

Weight: &lt;None&gt;

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1437.15     | 0.0001 | P        | 5.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.982      | 18364.96    | 0.0014 | P        | 2.0 |
| 4 | <input type="checkbox"/> | 50.000   | 48.780     | 828587.23   | 0.0637 | P        | 0.6 |
| 5 | <input type="checkbox"/> | 125.000  | 123.670    | 2037244.33  | 0.1614 | P        | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 245.872    | 3962440.22  | 0.3208 | P        | 1.2 |
| 7 | <input type="checkbox"/> | 500.000  | 495.249    | 7980817.37  | 0.6461 | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.635   | 15381481.71 | 1.3092 | A        | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 21330.53    | 0.0019 | P        | 0.9 |

$$y = 0.0013 * x + 1.1573E-004$$

$$R = 1.0000$$

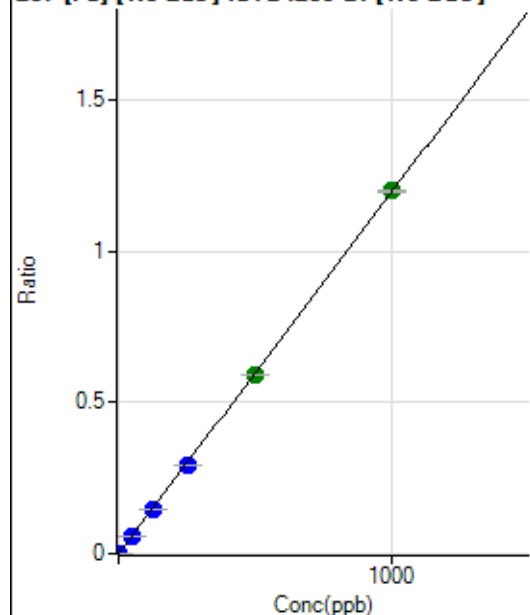
$$DL = 0.01438$$

$$BEC = 0.08873$$

Weight: &lt;None&gt;

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1457.53     | 0.0001 | P    | 4.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.941      | 16343.74    | 0.0012 | P    | 0.7 |
| 4 | <input type="checkbox"/> | 50.000   | 48.713     | 758996.05   | 0.0584 | P    | 0.1 |
| 5 | <input type="checkbox"/> | 125.000  | 123.422    | 1864740.88  | 0.1478 | P    | 0.3 |
| 6 | <input type="checkbox"/> | 250.000  | 245.538    | 3629198.06  | 0.2938 | P    | 0.6 |
| 7 | <input type="checkbox"/> | 500.000  | 495.031    | 7316267.99  | 0.5923 | A    | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.862   | 14109626.70 | 1.2009 | A    | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 18958.36    | 0.0017 | P    | 0.6 |

$$y = 0.0012 * x + 1.1736E-004$$

$$R = 1.0000$$

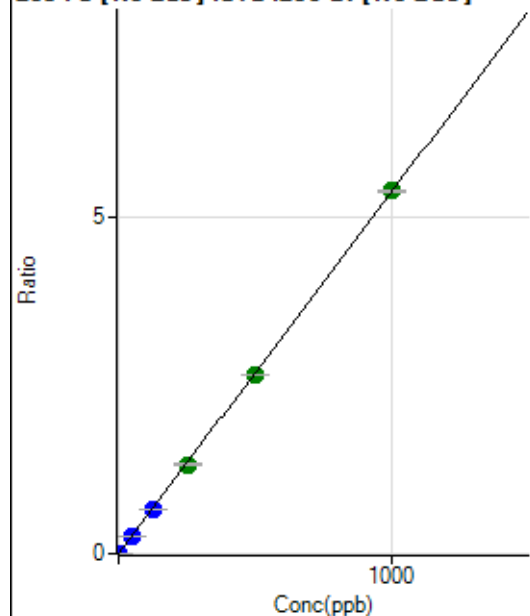
$$DL = 0.01437$$

$$BEC = 0.09811$$

Weight: &lt;None&gt;

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6345.23     | 0.0005 | P    | 1.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.969      | 74953.41    | 0.0057 | P    | 0.9 |
| 4 | <input type="checkbox"/> | 50.000   | 48.884     | 3411760.83  | 0.2625 | P    | 0.1 |
| 5 | <input type="checkbox"/> | 125.000  | 123.890    | 8384886.58  | 0.6644 | P    | 0.3 |
| 6 | <input type="checkbox"/> | 250.000  | 246.535    | 16323222.27 | 1.3216 | A    | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 495.490    | 32803850.44 | 2.6556 | A    | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.316   | 63171314.95 | 5.3768 | A    | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 86426.72    | 0.0078 | P    | 1.3 |

$$y = 0.0054 * x + 5.1094E-004$$

$$R = 1.0000$$

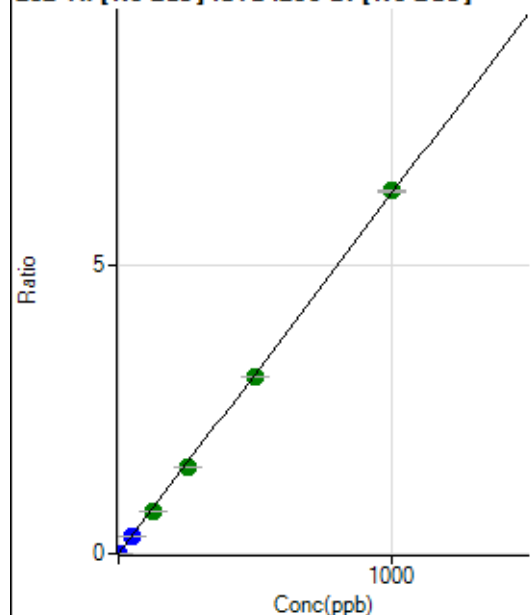
$$DL = 0.005105$$

$$BEC = 0.09535$$

Weight: &lt;None&gt;

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 335.20      | 0.0000 | P    | 20.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.909      | 75008.71    | 0.0057 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 50.000   | 46.182     | 3751850.02  | 0.2886 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 118.548    | 9349747.78  | 0.7408 | A    | 0.1  |
| 6 | <input type="checkbox"/> | 250.000  | 241.174    | 18614846.48 | 1.5071 | A    | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 490.100    | 37831930.47 | 3.0627 | A    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1008.154   | 74017397.02 | 6.3000 | A    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 10841.84    | 0.0010 | P    | 6.0  |

$$y = 0.0062 * x + 2.6980E-005$$

$$R = 0.9999$$

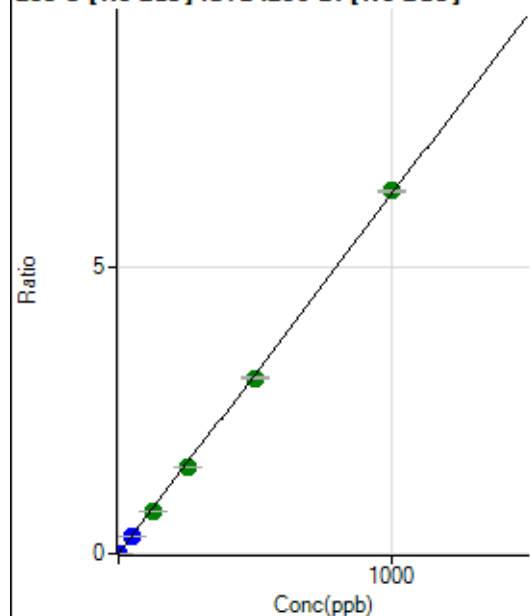
$$DL = 0.002661$$

$$BEC = 0.004317$$

Weight: &lt;None&gt;

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 300.02      | 0.0000 | P    | 34.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.906      | 74890.61    | 0.0057 | P    | 0.6  |
| 4 | <input type="checkbox"/> | 50.000   | 46.519     | 3787573.22  | 0.2914 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 118.836    | 9392718.00  | 0.7442 | A    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 241.840    | 18706861.88 | 1.5146 | A    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 488.002    | 37749921.33 | 3.0562 | A    | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1008.984   | 74238654.44 | 6.3188 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 15112.15    | 0.0014 | P    | 3.8  |

$$y = 0.0063 * x + 2.4176E-005$$

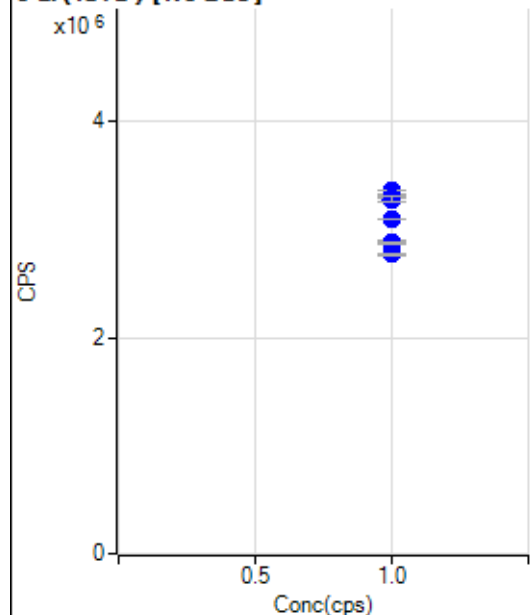
$$R = 0.9999$$

$$DL = 0.003991$$

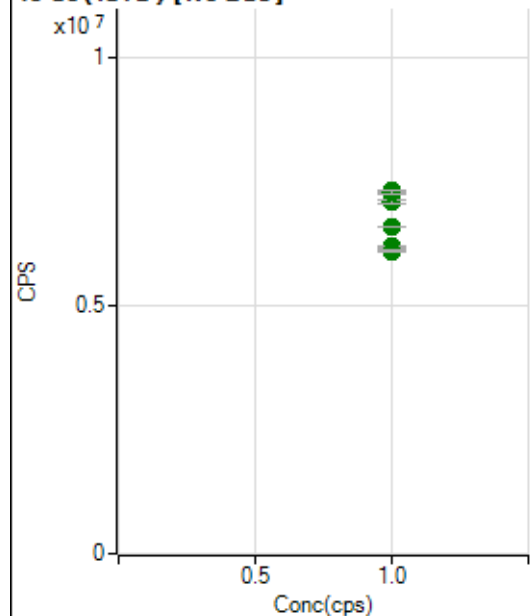
$$BEC = 0.00386$$

Weight: &lt;None&gt;

Min Conc: 0

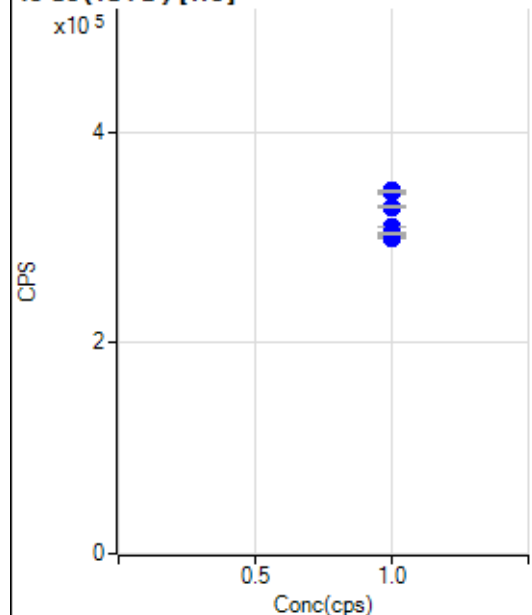
**6 Li (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3315902.56 |       | P    | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |      |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 3357665.44 |       | P    | 0.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3300054.05 |       | P    | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3095917.18 |       | P    | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2880204.54 |       | P    | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2868116.31 |       | P    | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2768568.54 |       | P    | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3278945.12 |       | P    | 1.4 |

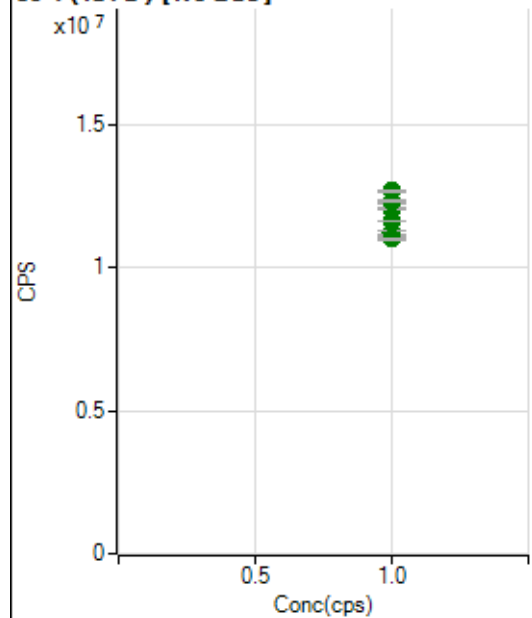
**45 Sc (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7128353.55 |       | A    | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |      |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7313532.80 |       | A    | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7098026.90 |       | A    | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6596926.15 |       | A    | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6128012.98 |       | A    | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6202741.85 |       | A    | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6094170.32 |       | A    | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7274400.94 |       | A    | 1.1 |

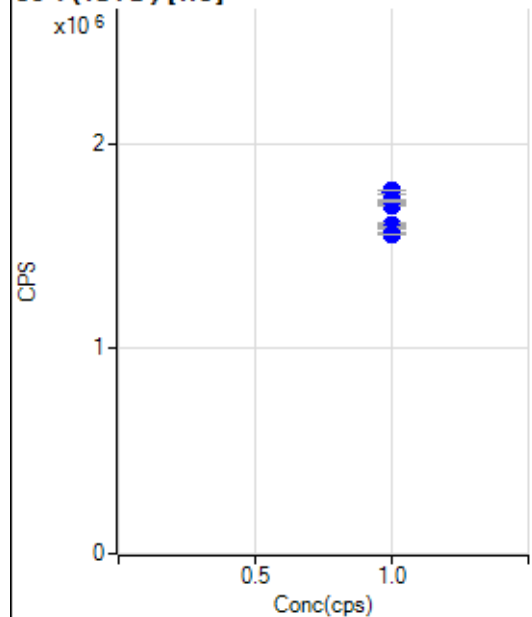


**45 Sc (ISTD) [He]**

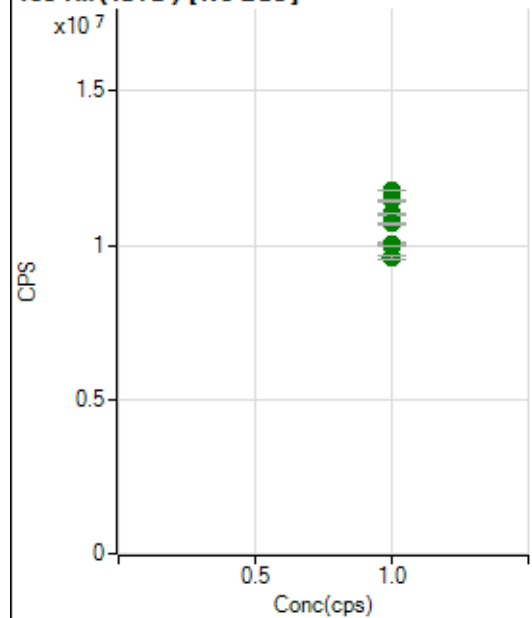
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 344517.05 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 342628.25 |       | P        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 329557.92 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 310001.82 |       | P        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 300225.82 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 304720.81 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 303685.35 |       | P        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 344085.90 |       | P        | 0.8 |

**89 Y (ISTD) [No Gas]**

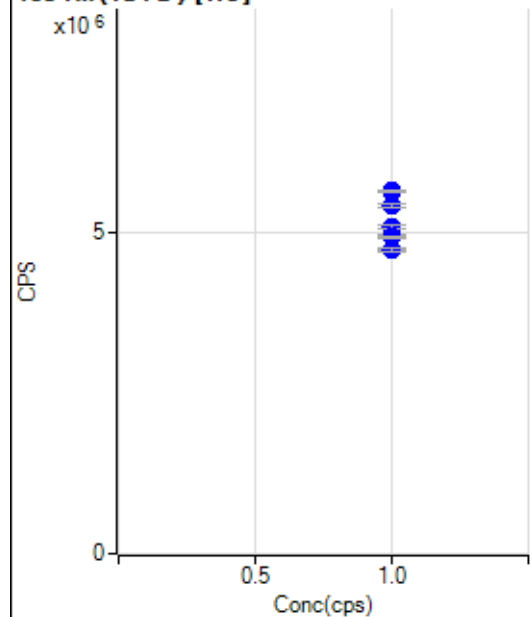
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 12046481.90 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 12680626.48 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 12327152.87 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 11644673.85 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11054843.03 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 11224399.00 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10990606.36 |       | A        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 12317762.46 |       | A        | 0.7 |

**89 Y(ISTD) [He]**

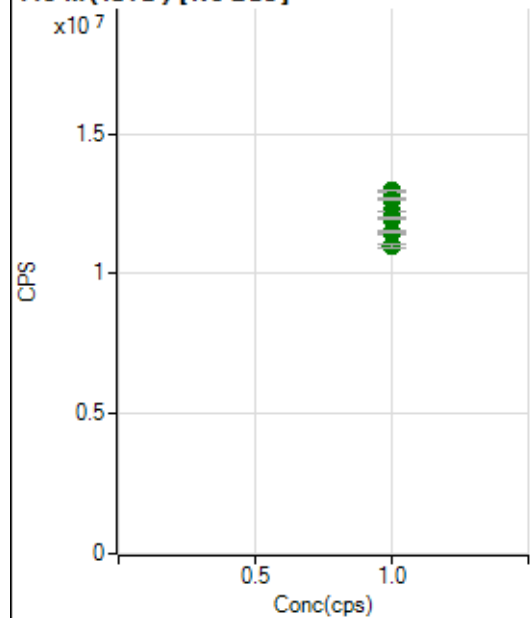
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1768409.61 |       | P        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1761433.15 |       | P        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1700722.94 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1606145.97 |       | P        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1560105.43 |       | P        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1585277.08 |       | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1557444.56 |       | P        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1721453.29 |       | P        | 0.9 |

**103 Rh(ISTD) [No Gas]**

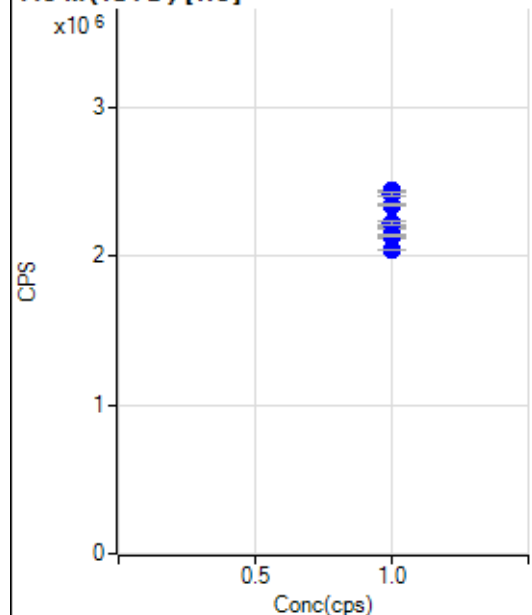
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11010968.30 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 11764461.20 |       | A        | 0.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11455025.17 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10705194.86 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10064119.24 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10050076.96 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9601084.68  |       | A        | 1.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 9985890.50  |       | A        | 0.4 |

**103 Rh (ISTD) [He]**

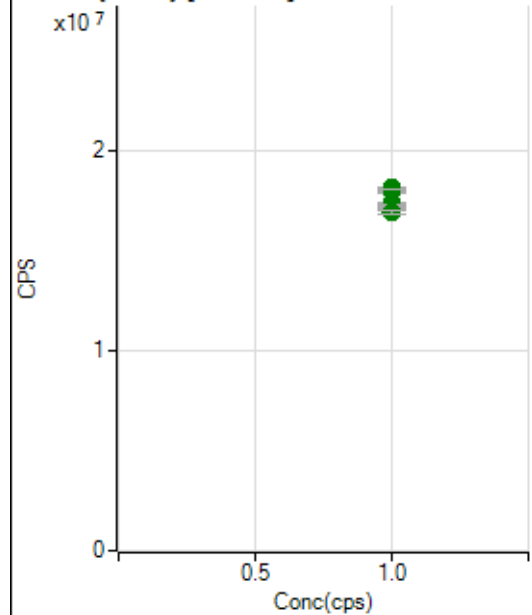
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5639451.24 |       | P        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5626192.00 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5411799.92 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5086137.53 |       | P        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4936854.68 |       | P        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4921595.58 |       | P        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4728730.86 |       | P        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4718876.42 |       | P        | 0.8 |

**115 In (ISTD) [No Gas]**

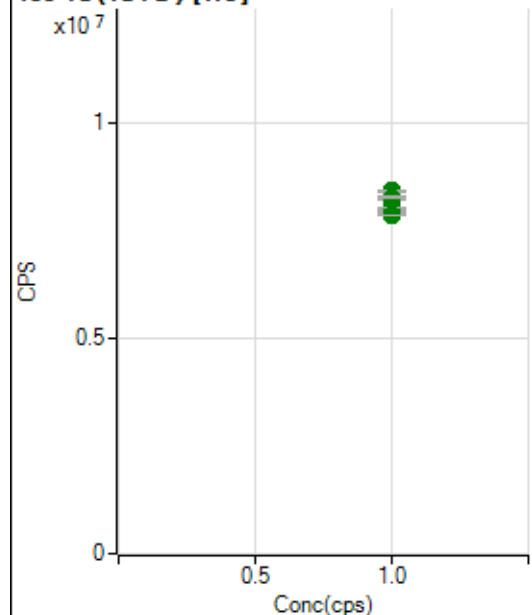
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 12220518.07 |       | A        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 12959798.22 |       | A        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 12665860.79 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 12031660.40 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11456244.48 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 11485962.68 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 11008372.86 |       | A        | 1.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 11962105.25 |       | A        | 0.6 |

**115 In (ISTD) [He]**

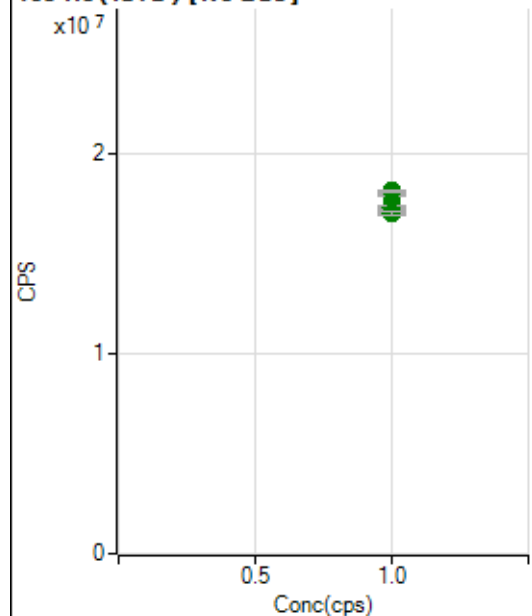
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2439701.52 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2418396.05 |       | P        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2341143.08 |       | P        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2196307.24 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2130147.33 |       | P        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2137149.80 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2044502.96 |       | P        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2228831.77 |       | P        | 1.2 |

**159 Tb (ISTD) [No Gas]**

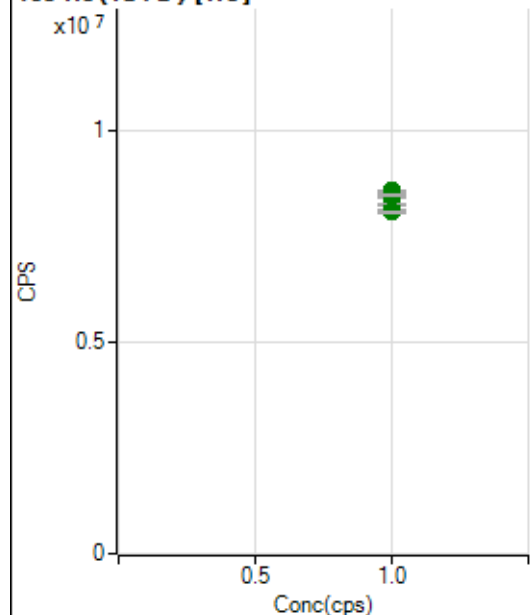
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 17160572.11 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 18171634.03 |       | A        | 0.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 17983485.01 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 17402168.21 |       | A        | 0.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 17041536.27 |       | A        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 17317002.80 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 16933422.53 |       | A        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 18133002.37 |       | A        | 0.0 |

**159 Tb (ISTD) [He]**

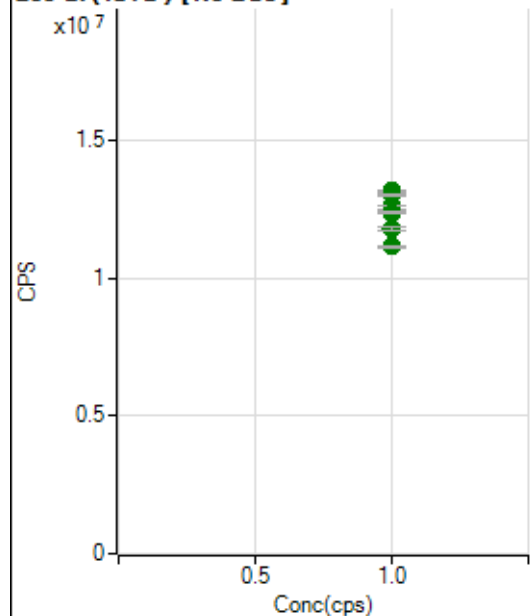
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8020908.01 |       | A        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8433291.12 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8257888.77 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8017029.19 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7935917.31 |       | A        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8047164.39 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7859406.69 |       | A        | 0.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8278475.92 |       | A        | 0.4 |

**165 Ho (ISTD) [No Gas]**

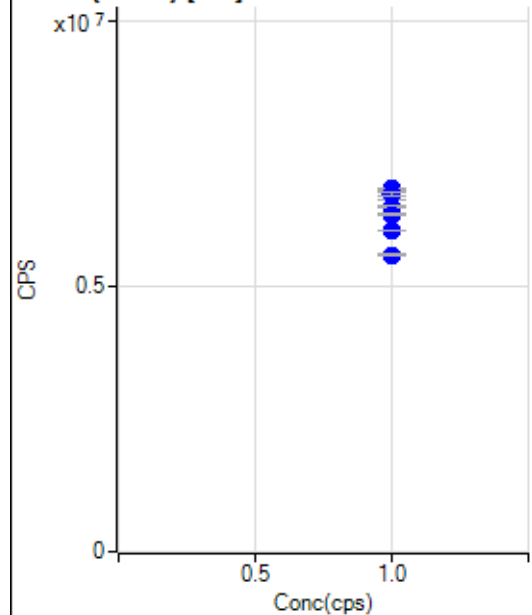
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 16990984.58 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 18012129.92 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 17850889.63 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 17335985.11 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 16989131.98 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 17265871.74 |       | A        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 16953467.39 |       | A        | 1.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 18100167.42 |       | A        | 0.5 |

**165 Ho (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8134343.35 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8586849.25 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8466261.95 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8234131.06 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8138517.38 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8287264.53 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8083001.13 |       | A        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8490584.32 |       | A        | 0.4 |

**209 Bi (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 12418543.29 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 13147783.97 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 12999396.47 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 12620606.62 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 12351634.26 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 12352642.73 |       | A        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 11749054.41 |       | A        | 1.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 11123152.89 |       | A        | 0.3 |

**209 Bi (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6471084.00 |       | M        | 4.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6825009.55 |       | P        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6727553.02 |       | P        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6483325.18 |       | P        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6346473.10 |       | P        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6344829.70 |       | P        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6047762.20 |       | P        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5587063.60 |       | P        | 0.6 |