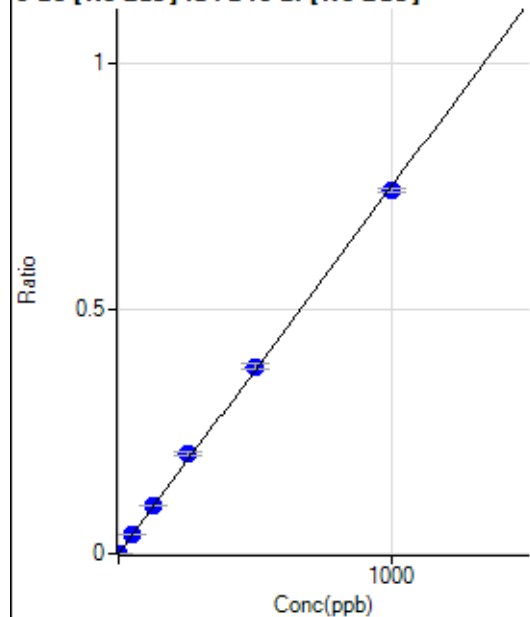


Batch Folder: D:\ICP-MS Data\1\DATA\P7032020IMS.b\  
Analysis File: P7032020IMS.batch.bin  
DA Date-Time: 2020-03-21 00:58:37  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 003CALB.d          | S00         | 2020-03-20 12:49:05 |
| 2     | 004CALS.d          | S02         | 2020-03-20 12:52:37 |
| 3     | 005CALS.d          | S03         | 2020-03-20 12:57:27 |
| 4     | 006CALS.d          | S04         | 2020-03-20 13:01:45 |
| 5     | 007CALS.d          | S05         | 2020-03-20 13:05:25 |
| 6     | 008CALS.d          | S06         | 2020-03-20 13:08:59 |
| 7     | 009CALS.d          | S07         | 2020-03-20 13:12:29 |
| 8     | 010CALS.d          | S08         | 2020-03-20 13:15:59 |

**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      | 87.04      | 0.0000 | P    | 19.4 |
| 2 | <input type="checkbox"/> | 1.000    | 1.104      | 4519.31    | 0.0008 | P    | 0.8  |
| 3 | <input type="checkbox"/> | 50.000   | 54.356     | 226191.08  | 0.0407 | P    | 0.8  |
| 4 | <input type="checkbox"/> | 125.000  | 132.529    | 532509.17  | 0.0993 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 250.000  | 272.748    | 1032432.02 | 0.2043 | P    | 2.4  |
| 6 | <input type="checkbox"/> | 500.000  | 509.896    | 1882860.14 | 0.3819 | P    | 3.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 988.206    | 3627447.97 | 0.7402 | P    | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 1014.88    | 0.0002 | P    | 10.3 |

$$y = 7.4898\text{E-}004 * x + 1.5961\text{E-}005$$

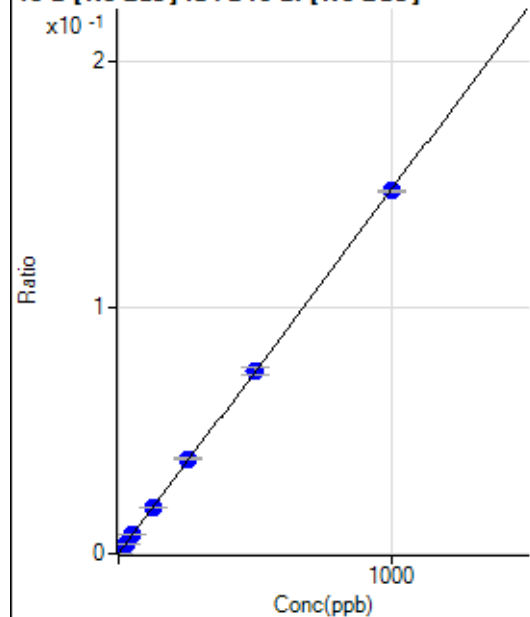
$$R = 0.9996$$

$$DL = 0.0124$$

$$BEC = 0.02131$$

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      | 347.24    | 0.0001 | P    | 12.6 |
| 2 | <input type="checkbox"/> | 25.000   | 25.292     | 20400.66  | 0.0038 | P    | 0.8  |
| 3 | <input type="checkbox"/> | 50.000   | 52.612     | 43569.62  | 0.0078 | P    | 2.4  |
| 4 | <input type="checkbox"/> | 125.000  | 127.523    | 101512.96 | 0.0189 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 250.000  | 260.507    | 195033.68 | 0.0386 | P    | 2.9  |
| 6 | <input type="checkbox"/> | 500.000  | 501.039    | 365632.37 | 0.0742 | P    | 3.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 996.400    | 722619.87 | 0.1474 | P    | 0.3  |
| 8 | <input type="checkbox"/> |          |            | 13612.18  | 0.0031 | P    | 3.7  |

$$y = 1.4791\text{E-}004 * x + 6.3790\text{E-}005$$

$$R = 0.9999$$

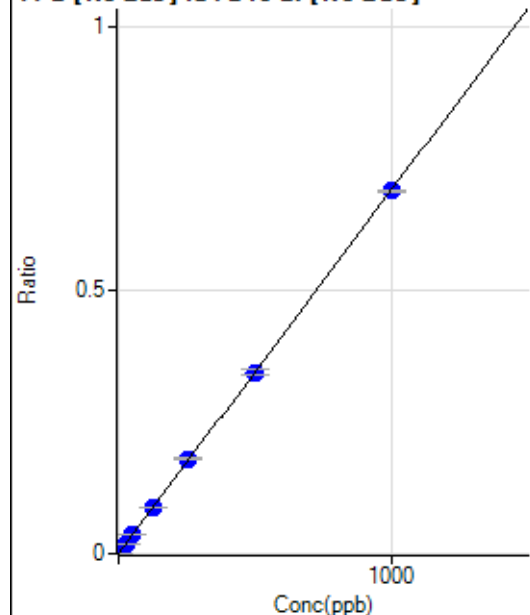
$$DL = 0.1629$$

$$BEC = 0.4313$$

Weight: &lt;None&gt;

Min Conc: 0

11 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      | 1808.51    | 0.0003 | P    | 9.5 |
| 2 | <input type="checkbox"/> | 25.000   | 25.588     | 96444.62   | 0.0180 | P    | 1.1 |
| 3 | <input type="checkbox"/> | 50.000   | 52.780     | 204095.74  | 0.0368 | P    | 1.4 |
| 4 | <input type="checkbox"/> | 125.000  | 127.304    | 472915.62  | 0.0882 | P    | 1.3 |
| 5 | <input type="checkbox"/> | 250.000  | 261.069    | 912120.86  | 0.1805 | P    | 1.6 |
| 6 | <input type="checkbox"/> | 500.000  | 498.943    | 1698618.14 | 0.3446 | P    | 3.9 |
| 7 | <input type="checkbox"/> | 1000.000 | 997.319    | 3374235.67 | 0.6885 | P    | 0.7 |
| 8 | <input type="checkbox"/> |          |            | 64179.03   | 0.0147 | P    | 0.8 |

$$y = 6.8999\text{E-}004 * x + 3.3226\text{E-}004$$

$$R = 0.9999$$

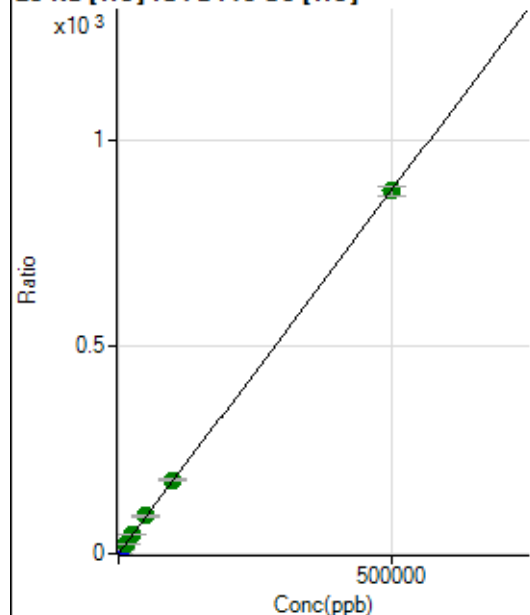
$$DL = 0.1372$$

$$BEC = 0.4815$$

Weight: &lt;None&gt;

Min Conc: 0

23 Na [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      | 13078.35    | 0.0314   | P    | 1.7 |
| 2 | <input type="checkbox"/> | 500.000   | 522.220    | 399265.96   | 0.9474   | P    | 3.1 |
| 3 | <input type="checkbox"/> | 5000.000  | 5372.458   | 4021737.50  | 9.4545   | P    | 1.1 |
| 4 | <input type="checkbox"/> | 12500.000 | 12944.622  | 9370191.70  | 22.7359  | A    | 2.6 |
| 5 | <input type="checkbox"/> | 25000.000 | 27314.934  | 19314541.75 | 47.9409  | A    | 2.0 |
| 6 | <input type="checkbox"/> | 50000.000 | 51701.541  | 36252687.27 | 90.7142  | A    | 1.5 |
| 7 | <input type="checkbox"/> | 100000.00 | 101604.70  | 73059990.52 | 178.2427 | A    | 0.8 |
| 8 | <input type="checkbox"/> | 500000.00 | 499378.29  | 320574007.1 | 875.9244 | A    | 2.7 |

$$y = 0.0018 * x + 0.0314$$

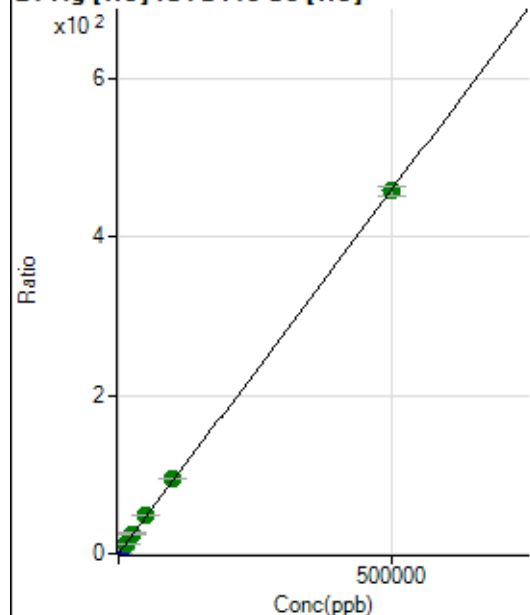
$$R = 1.0000$$

$$DL = 0.8869$$

$$BEC = 17.91$$

Weight: &lt;None&gt;

Min Conc: 0

**24 Mg [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|-------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 375.02      | 0.0009   | P   | 8.6 |
| 2 | <input type="checkbox"/> | 500.000   | 527.874    | 204788.68   | 0.4860   | P   | 4.3 |
| 3 | <input type="checkbox"/> | 5000.000  | 5494.844   | 2148288.18  | 5.0503   | P   | 0.8 |
| 4 | <input type="checkbox"/> | 12500.000 | 13334.973  | 5050664.74  | 12.2548  | A   | 2.5 |
| 5 | <input type="checkbox"/> | 25000.000 | 27527.928  | 10191571.24 | 25.2970  | A   | 2.7 |
| 6 | <input type="checkbox"/> | 50000.000 | 52733.778  | 19368088.97 | 48.4594  | A   | 0.4 |
| 7 | <input type="checkbox"/> | 100000.00 | 102575.97  | 38634992.88 | 94.2606  | A   | 1.4 |
| 8 | <input type="checkbox"/> | 500000.00 | 499059.18  | 167839735.7 | 458.5995 | A   | 2.7 |

$$y = 9.1893\text{E-}004 * x + 9.0118\text{E-}004$$

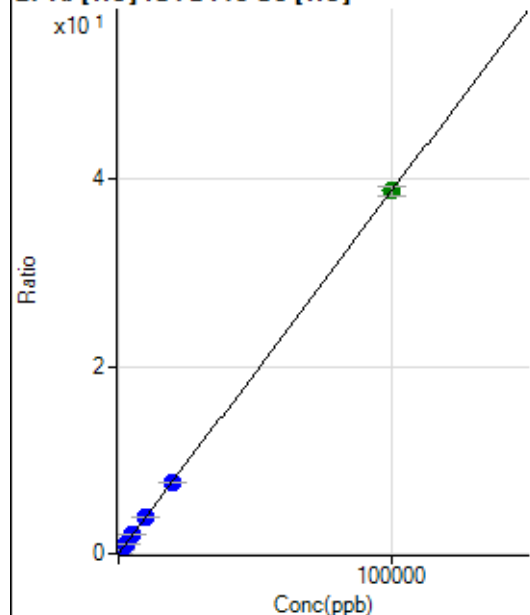
$$R = 1.0000$$

$$DL = 0.254$$

$$BEC = 0.9807$$

Weight: &lt;None&gt;

Min Conc: 0

**27 Al [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 33.34       | 0.0001  | P   | 43.6 |
| 2 | <input type="checkbox"/> | 20.000    | 20.632     | 3394.98     | 0.0081  | P   | 11.9 |
| 3 | <input type="checkbox"/> | 1000.000  | 1041.070   | 171306.56   | 0.4027  | P   | 0.4  |
| 4 | <input type="checkbox"/> | 2500.000  | 2528.919   | 403134.26   | 0.9781  | P   | 2.0  |
| 5 | <input type="checkbox"/> | 5000.000  | 5286.987   | 823818.50   | 2.0447  | P   | 1.7  |
| 6 | <input type="checkbox"/> | 10000.000 | 10035.045  | 1551057.09  | 3.8810  | P   | 1.1  |
| 7 | <input type="checkbox"/> | 20000.000 | 19515.675  | 3093553.78  | 7.5475  | P   | 1.3  |
| 8 | <input type="checkbox"/> | 100000.00 | 100077.87  | 14164283.65 | 38.7036 | A   | 3.0  |

$$y = 3.8673\text{E-}004 * x + 8.0195\text{E-}005$$

$$R = 1.0000$$

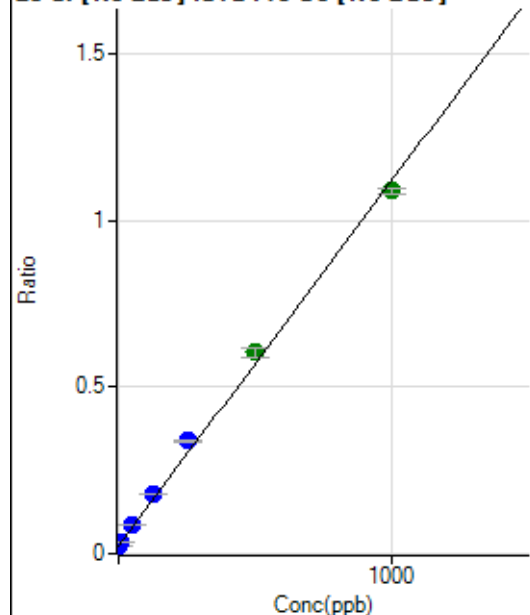
$$DL = 0.2713$$

$$BEC = 0.2074$$

Weight: &lt;None&gt;

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      | 266877.82   | 0.0233 | P   | 2.7 |
| 2 | <input type="checkbox"/> | 10.000   | 11.471     | 398458.32   | 0.0359 | P   | 0.6 |
| 3 | <input type="checkbox"/> | 50.000   | 55.538     | 981968.87   | 0.0842 | P   | 0.1 |
| 4 | <input type="checkbox"/> | 125.000  | 140.794    | 1983718.45  | 0.1776 | P   | 1.3 |
| 5 | <input type="checkbox"/> | 250.000  | 287.765    | 3740441.23  | 0.3387 | P   | 1.0 |
| 6 | <input type="checkbox"/> | 500.000  | 531.052    | 6501300.54  | 0.6054 | A   | 4.6 |
| 7 | <input type="checkbox"/> | 1000.000 | 972.767    | 12181163.12 | 1.0896 | A   | 1.9 |
| 8 | <input type="checkbox"/> |          |            | 893555.45   | 0.0913 | P   | 2.0 |

$$y = 0.0011 * x + 0.0233$$

$$R = 0.9984$$

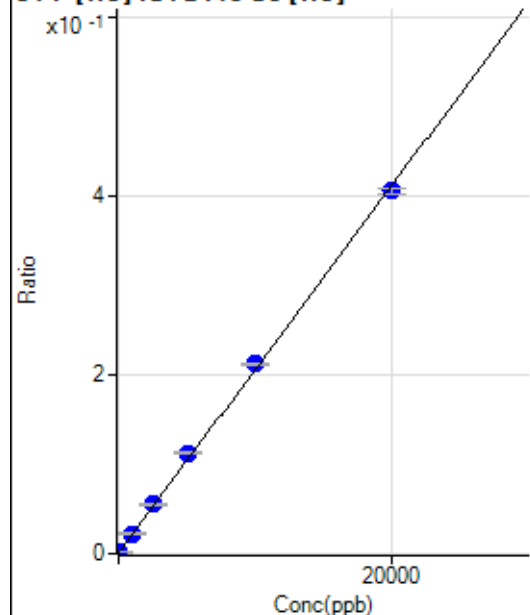
$$DL = 1.738$$

$$BEC = 21.27$$

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     | -27.580    | 138.90    | 0.0003 | P   | 19.6 |
| 2 | <input type="checkbox"/> | 0.000     | 27.580     | 616.70    | 0.0015 | P   | 12.2 |
| 3 | <input type="checkbox"/> | 1000.000  | 1046.197   | 9503.41   | 0.0223 | P   | 4.2  |
| 4 | <input type="checkbox"/> | 2500.000  | 2644.583   | 22712.57  | 0.0551 | P   | 2.4  |
| 5 | <input type="checkbox"/> | 5000.000  | 5415.517   | 45085.98  | 0.1119 | P   | 2.1  |
| 6 | <input type="checkbox"/> | 10000.000 | 10285.566  | 84626.29  | 0.2117 | P   | 0.6  |
| 7 | <input type="checkbox"/> | 20000.000 | 19732.955  | 166152.75 | 0.4054 | P   | 1.9  |
| 8 | <input type="checkbox"/> |           |            | 252.79    | 0.0007 | P   | 31.0 |

$$y = 2.0499E-005 * x + 8.9915E-004$$

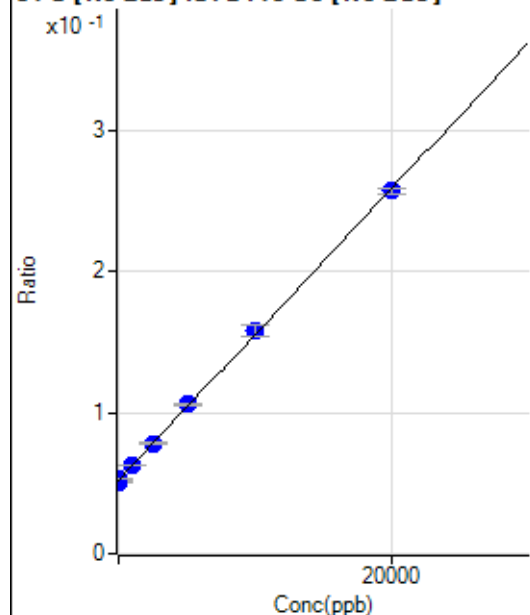
$$R = 0.9996$$

$$DL = 17.82$$

$$BEC = 43.86$$

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     | -99.801    | 585939.66  | 0.0512 | P   | 1.5 |
| 2 | <input type="checkbox"/> | 0.000     | 99.801     | 591115.44  | 0.0532 | P   | 0.3 |
| 3 | <input type="checkbox"/> | 1000.000  | 984.918    | 727821.34  | 0.0624 | P   | 0.3 |
| 4 | <input type="checkbox"/> | 2500.000  | 2517.200   | 873885.25  | 0.0783 | P   | 2.0 |
| 5 | <input type="checkbox"/> | 5000.000  | 5176.971   | 1168175.45 | 0.1058 | P   | 2.1 |
| 6 | <input type="checkbox"/> | 10000.000 | 10253.013  | 1700250.10 | 0.1584 | P   | 5.1 |
| 7 | <input type="checkbox"/> | 20000.000 | 19827.855  | 2878638.95 | 0.2575 | P   | 1.2 |
| 8 | <input type="checkbox"/> |           |            | 495935.44  | 0.0507 | P   | 1.6 |

$$y = 1.0353\text{E-}005 * x + 0.0522$$

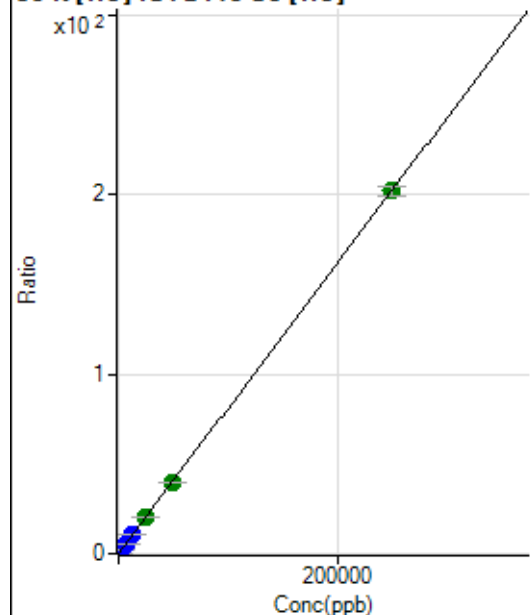
R = 0.9998

DL = 129.9

BEC = 5042

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      | 22367.56    | 0.0537   | P   | 2.8 |
| 2 | <input type="checkbox"/> | 500.000   | 513.245    | 197499.18   | 0.4686   | P   | 2.6 |
| 3 | <input type="checkbox"/> | 2500.000  | 2603.372   | 918022.19   | 2.1581   | P   | 0.9 |
| 4 | <input type="checkbox"/> | 6250.000  | 6355.657   | 2139633.42  | 5.1912   | P   | 1.9 |
| 5 | <input type="checkbox"/> | 12500.000 | 13222.199  | 4327677.01  | 10.7415  | P   | 1.8 |
| 6 | <input type="checkbox"/> | 25000.000 | 25116.394  | 8135484.12  | 20.3559  | A   | 1.3 |
| 7 | <input type="checkbox"/> | 50000.000 | 49094.034  | 16287278.84 | 39.7376  | A   | 1.6 |
| 8 | <input type="checkbox"/> | 250000.00 | 250129.74  | 74017468.32 | 202.2394 | A   | 2.5 |

$$y = 8.0832\text{E-}004 * x + 0.0537$$

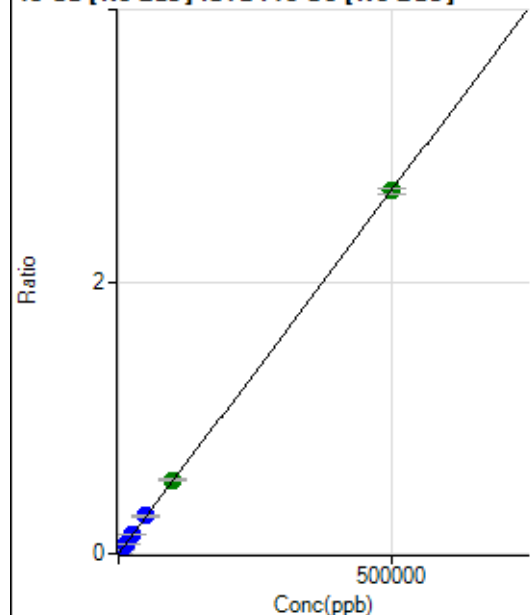
R = 1.0000

DL = 5.579

BEC = 66.47

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      | 405.58      | 0.0000 | P    | 25.6 |
| 2 | <input type="checkbox"/> | 500.000   | 536.399    | 32219.52    | 0.0029 | P    | 1.3  |
| 3 | <input type="checkbox"/> | 5000.000  | 5340.856   | 333285.74   | 0.0286 | P    | 0.6  |
| 4 | <input type="checkbox"/> | 12500.000 | 13262.285  | 791727.43   | 0.0709 | P    | 1.6  |
| 5 | <input type="checkbox"/> | 25000.000 | 26798.042  | 1581547.08  | 0.1432 | P    | 1.3  |
| 6 | <input type="checkbox"/> | 50000.000 | 52149.302  | 2992477.50  | 0.2787 | P    | 4.9  |
| 7 | <input type="checkbox"/> | 100000.00 | 101071.38  | 6037853.69  | 0.5401 | A    | 2.0  |
| 8 | <input type="checkbox"/> | 500000.00 | 499458.38  | 26110676.11 | 2.6689 | A    | 1.4  |

$$y = 5.3435\text{E-}006 * x + 3.5519\text{E-}005$$

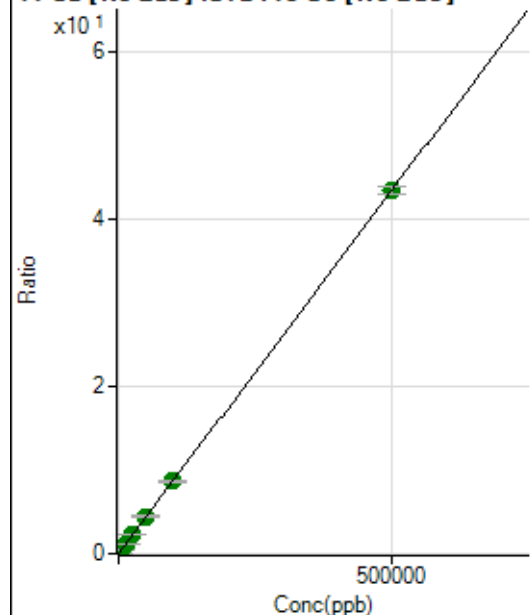
$$R = 1.0000$$

$$DL = 5.105$$

$$BEC = 6.647$$

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      | 7327.12     | 0.0006  | P    | 1.2 |
| 2 | <input type="checkbox"/> | 500.000   | 538.066    | 524877.00   | 0.0473  | P    | 0.9 |
| 3 | <input type="checkbox"/> | 5000.000  | 5168.303   | 5231790.39  | 0.4485  | A    | 0.8 |
| 4 | <input type="checkbox"/> | 12500.000 | 12922.487  | 12512897.50 | 1.1206  | A    | 1.5 |
| 5 | <input type="checkbox"/> | 25000.000 | 26240.643  | 25117448.30 | 2.2748  | A    | 1.5 |
| 6 | <input type="checkbox"/> | 50000.000 | 51226.075  | 47671299.33 | 4.4401  | A    | 5.2 |
| 7 | <input type="checkbox"/> | 100000.00 | 99428.440  | 96342724.38 | 8.6176  | A    | 1.3 |
| 8 | <input type="checkbox"/> | 500000.00 | 499917.38  | 423821423.3 | 43.3258 | A    | 2.0 |

$$y = 8.6665\text{E-}005 * x + 6.3966\text{E-}004$$

$$R = 1.0000$$

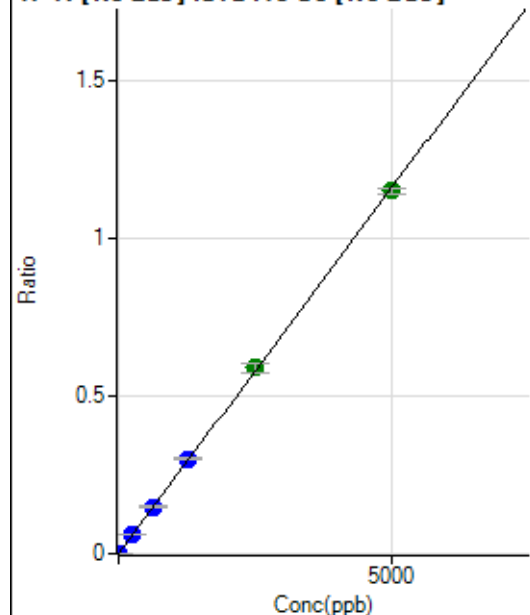
$$DL = 0.2706$$

$$BEC = 7.381$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 236.12      | 0.0000 | P   | 17.2 |
| 2 | <input type="checkbox"/> | 5.000    | 5.554      | 14499.37    | 0.0013 | P   | 0.3  |
| 3 | <input type="checkbox"/> | 250.000  | 257.341    | 694781.61   | 0.0596 | P   | 0.7  |
| 4 | <input type="checkbox"/> | 625.000  | 642.109    | 1659370.02  | 0.1486 | P   | 1.6  |
| 5 | <input type="checkbox"/> | 1250.000 | 1300.752   | 3323731.58  | 0.3010 | P   | 1.0  |
| 6 | <input type="checkbox"/> | 2500.000 | 2545.917   | 6325709.08  | 0.5891 | A   | 5.0  |
| 7 | <input type="checkbox"/> | 5000.000 | 4961.847   | 12835779.02 | 1.1482 | A   | 1.6  |
| 8 | <input type="checkbox"/> |          |            | 4384.19     | 0.0004 | P   | 3.0  |

$$y = 2.3139E-004 * x + 2.0556E-005$$

$$R = 0.9999$$

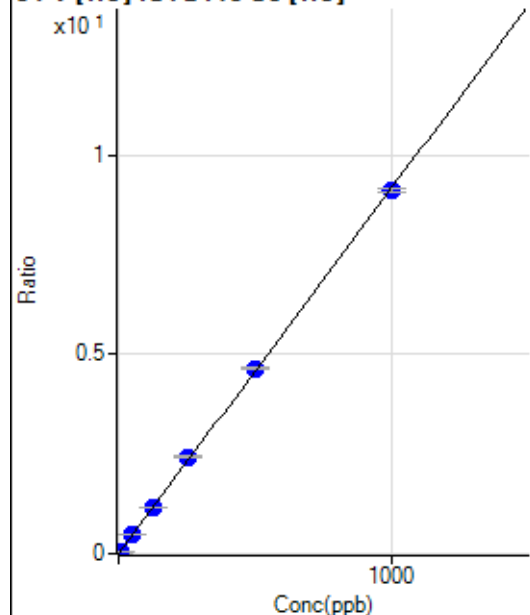
$$DL = 0.04596$$

$$BEC = 0.08884$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 10.00      | 0.0000 | P   | 33.3 |
| 2 | <input type="checkbox"/> | 5.000    | 5.177      | 20020.44   | 0.0475 | P   | 2.7  |
| 3 | <input type="checkbox"/> | 50.000   | 51.381     | 200428.70  | 0.4712 | P   | 0.8  |
| 4 | <input type="checkbox"/> | 125.000  | 126.529    | 478243.49  | 1.1603 | P   | 1.9  |
| 5 | <input type="checkbox"/> | 250.000  | 264.230    | 976196.81  | 2.4230 | P   | 2.0  |
| 6 | <input type="checkbox"/> | 500.000  | 507.060    | 1858284.70 | 4.6497 | P   | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 992.651    | 3730994.67 | 9.1026 | P   | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 1645.68    | 0.0045 | P   | 1.4  |

$$y = 0.0092 * x + 2.4030E-005$$

$$R = 0.9998$$

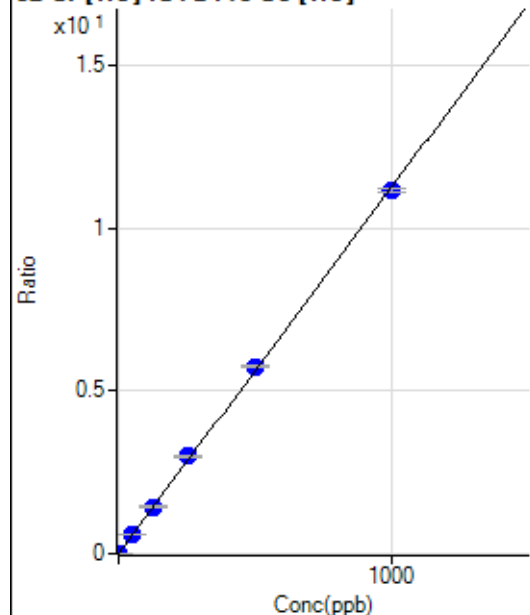
$$DL = 0.002619$$

$$BEC = 0.002621$$

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      | 574.47     | 0.0014  | P   | 4.6 |
| 2 | <input type="checkbox"/> | 2.000    | 2.030      | 10207.02   | 0.0242  | P   | 3.0 |
| 3 | <input type="checkbox"/> | 50.000   | 52.329     | 251022.92  | 0.5901  | P   | 1.3 |
| 4 | <input type="checkbox"/> | 125.000  | 128.001    | 594170.87  | 1.4415  | P   | 1.4 |
| 5 | <input type="checkbox"/> | 250.000  | 266.655    | 1209270.14 | 3.0014  | P   | 1.6 |
| 6 | <input type="checkbox"/> | 500.000  | 509.949    | 2293465.17 | 5.7386  | P   | 1.0 |
| 7 | <input type="checkbox"/> | 1000.000 | 990.370    | 4567602.22 | 11.1436 | P   | 1.0 |
| 8 | <input type="checkbox"/> |          |            | 106964.50  | 0.2922  | P   | 1.3 |

$$y = 0.0113 * x + 0.0014$$

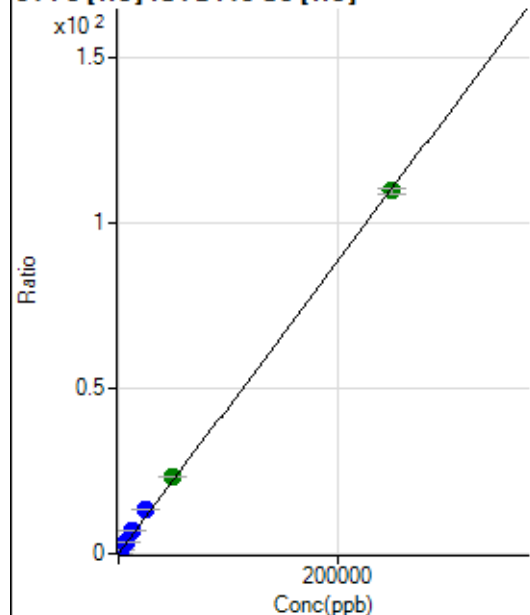
$$R = 0.9998$$

$$DL = 0.017$$

$$BEC = 0.1226$$

Weight: &lt;None&gt;

Min Conc: 0

**54 Fe [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|----------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 630.67      | 0.0015   | P   | 20.2 |
| 2 | <input type="checkbox"/> | 50.000    | 62.763     | 12294.68    | 0.0292   | P   | 6.3  |
| 3 | <input type="checkbox"/> | 2500.000  | 3115.455   | 584868.62   | 1.3749   | P   | 0.8  |
| 4 | <input type="checkbox"/> | 6250.000  | 7635.388   | 1388070.84  | 3.3675   | P   | 1.4  |
| 5 | <input type="checkbox"/> | 12500.000 | 15821.085  | 2810638.45  | 6.9761   | P   | 1.8  |
| 6 | <input type="checkbox"/> | 25000.000 | 29987.545  | 5283998.03  | 13.2212  | P   | 0.8  |
| 7 | <input type="checkbox"/> | 50000.000 | 52306.703  | 9452290.18  | 23.0604  | A   | 0.8  |
| 8 | <input type="checkbox"/> | 250000.00 | 248833.05  | 40154477.65 | 109.6969 | A   | 1.4  |

$$y = 4.4084E-004 * x + 0.0015$$

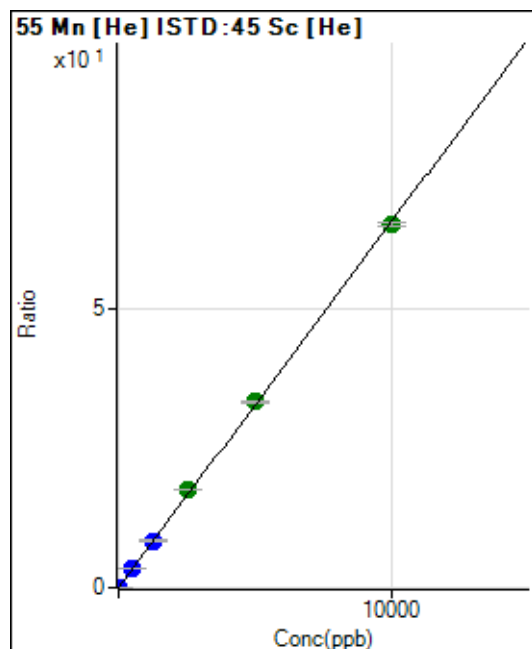
$$R = 0.9998$$

$$DL = 2.079$$

$$BEC = 3.434$$

Weight: &lt;None&gt;

Min Conc: 0



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 113.34      | 0.0003  | P    | 23.9 |
| 2 | <input type="checkbox"/> | 1.000     | 1.066      | 3065.93     | 0.0073  | P    | 5.3  |
| 3 | <input type="checkbox"/> | 500.000   | 521.512    | 1456969.18  | 3.4251  | P    | 0.7  |
| 4 | <input type="checkbox"/> | 1250.000  | 1279.047   | 3462093.32  | 8.4000  | P    | 2.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2679.134   | 7088755.24  | 17.5945 | A    | 1.7  |
| 6 | <input type="checkbox"/> | 5000.000  | 5071.775   | 13311837.72 | 33.3073 | A    | 0.8  |
| 7 | <input type="checkbox"/> | 10000.000 | 9914.623   | 26687909.05 | 65.1110 | A    | 1.0  |
| 8 | <input type="checkbox"/> |           |            | 23897.37    | 0.0653  | P    | 0.6  |

$$y = 0.0066 * x + 2.7251E-004$$

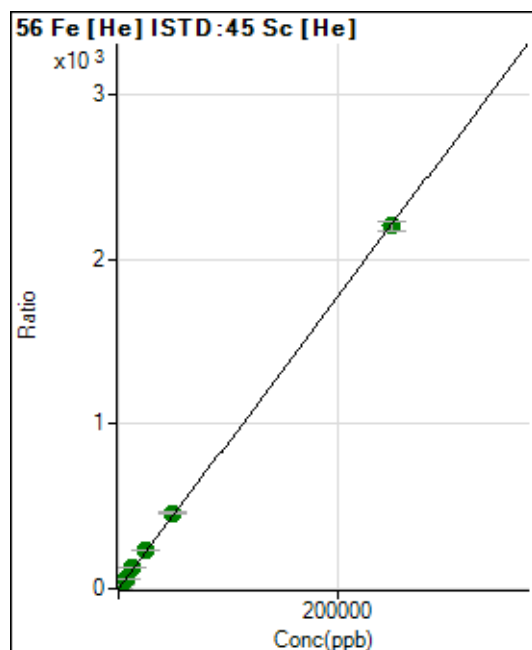
$$R = 0.9998$$

$$DL = 0.02973$$

$$BEC = 0.0415$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 6690.60     | 0.0161   | P    | 4.8 |
| 2 | <input type="checkbox"/> | 50.000    | 56.272     | 216500.89   | 0.5138   | P    | 5.0 |
| 3 | <input type="checkbox"/> | 2500.000  | 2718.795   | 10236690.74 | 24.0643  | A    | 0.7 |
| 4 | <input type="checkbox"/> | 6250.000  | 6709.482   | 24468184.57 | 59.3627  | A    | 1.7 |
| 5 | <input type="checkbox"/> | 12500.000 | 14067.150  | 50138435.38 | 124.4428 | A    | 1.8 |
| 6 | <input type="checkbox"/> | 25000.000 | 26761.318  | 94603784.52 | 236.7251 | A    | 1.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 52128.506  | 188992343.1 | 461.1028 | A    | 1.5 |
| 8 | <input type="checkbox"/> | 250000.00 | 249306.13  | 807074840.2 | 2.205177 | A    | 2.5 |

$$y = 0.0088 * x + 0.0161$$

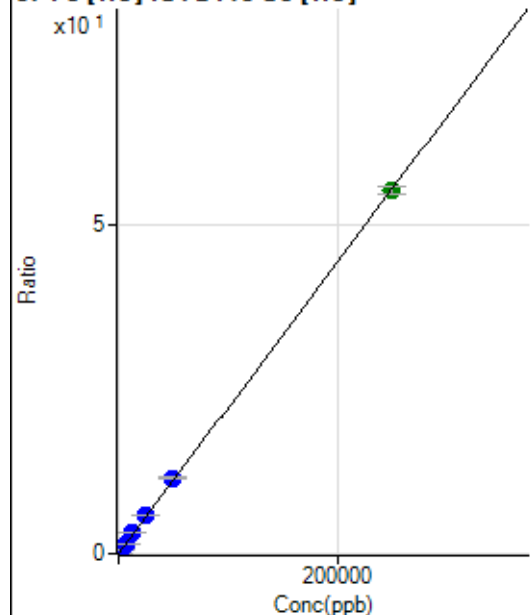
$$R = 0.9999$$

$$DL = 0.2636$$

$$BEC = 1.817$$

Weight: <None>

Min Conc: 0

**57 Fe [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 242.60      | 0.0006  | P   | 1.7 |
| 2 | <input type="checkbox"/> | 50.000    | 56.180     | 5490.08     | 0.0130  | P   | 5.5 |
| 3 | <input type="checkbox"/> | 2500.000  | 2781.127   | 262326.70   | 0.6167  | P   | 0.5 |
| 4 | <input type="checkbox"/> | 6250.000  | 6790.499   | 620237.72   | 1.5049  | P   | 2.1 |
| 5 | <input type="checkbox"/> | 12500.000 | 14144.329  | 1262666.52  | 3.1339  | P   | 1.7 |
| 6 | <input type="checkbox"/> | 25000.000 | 26804.131  | 2373343.14  | 5.9384  | P   | 0.8 |
| 7 | <input type="checkbox"/> | 50000.000 | 51923.095  | 4714684.08  | 11.5029 | P   | 1.4 |
| 8 | <input type="checkbox"/> | 250000.00 | 249336.42  | 20216580.08 | 55.2351 | A   | 2.1 |

$$y = 2.2153\text{E-}004 * x + 5.8279\text{E-}004$$

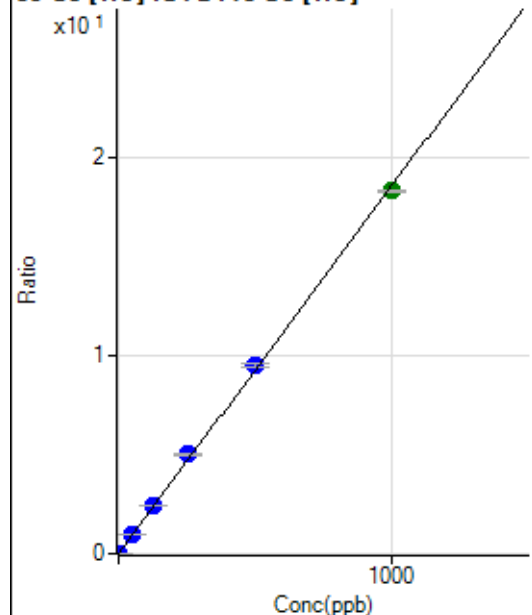
$$R = 0.9999$$

$$DL = 0.1333$$

$$BEC = 2.631$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 153.34     | 0.0004  | P   | 40.7 |
| 2 | <input type="checkbox"/> | 1.000    | 1.016      | 8086.78    | 0.0192  | P   | 3.2  |
| 3 | <input type="checkbox"/> | 50.000   | 53.598     | 422495.46  | 0.9932  | P   | 0.2  |
| 4 | <input type="checkbox"/> | 125.000  | 130.427    | 995986.11  | 2.4163  | P   | 1.5  |
| 5 | <input type="checkbox"/> | 250.000  | 270.939    | 2022204.12 | 5.0191  | P   | 1.7  |
| 6 | <input type="checkbox"/> | 500.000  | 513.366    | 3800458.90 | 9.5097  | P   | 1.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 987.224    | 7496111.21 | 18.2872 | A   | 0.7  |
| 8 | <input type="checkbox"/> |          |            | 13764.41   | 0.0376  | P   | 0.9  |

$$y = 0.0185 * x + 3.6902\text{E-}004$$

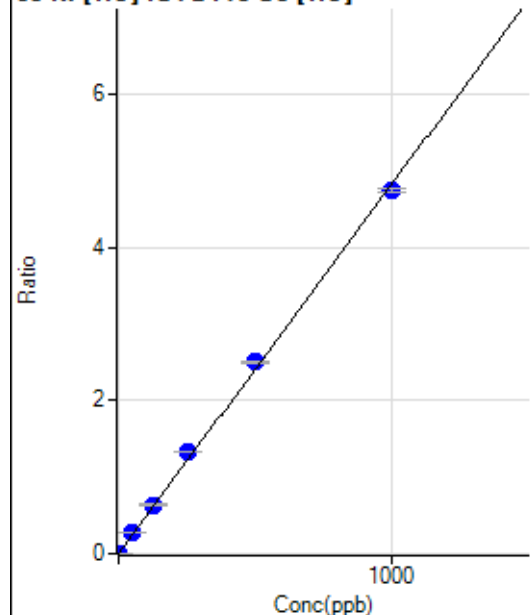
$$R = 0.9996$$

$$DL = 0.02432$$

$$BEC = 0.01992$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 138.89     | 0.0003 | P   | 14.1 |
| 2 | <input type="checkbox"/> | 1.000    | 1.171      | 2518.04    | 0.0060 | P   | 3.5  |
| 3 | <input type="checkbox"/> | 50.000   | 54.863     | 112585.13  | 0.2647 | P   | 0.6  |
| 4 | <input type="checkbox"/> | 125.000  | 132.646    | 263558.04  | 0.6394 | P   | 1.8  |
| 5 | <input type="checkbox"/> | 250.000  | 275.781    | 535472.63  | 1.3291 | P   | 1.6  |
| 6 | <input type="checkbox"/> | 500.000  | 518.658    | 998825.84  | 2.4992 | P   | 1.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 983.027    | 1941439.59 | 4.7366 | P   | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 29322.88   | 0.0801 | P   | 1.8  |

$$y = 0.0048 * x + 3.3345E-004$$

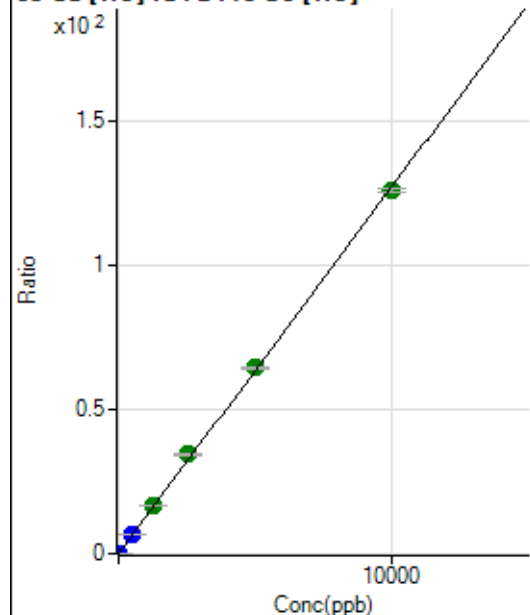
$$R = 0.9994$$

$$DL = 0.0293$$

$$BEC = 0.06921$$

Weight: &lt;None&gt;

Min Conc: 0

**63 Cu [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|-------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 990.05      | 0.0024   | P   | 5.1 |
| 2 | <input type="checkbox"/> | 2.000     | 2.152      | 12543.31    | 0.0298   | P   | 3.2 |
| 3 | <input type="checkbox"/> | 500.000   | 544.180    | 2947229.71  | 6.9285   | P   | 0.7 |
| 4 | <input type="checkbox"/> | 1250.000  | 1306.532   | 6855273.65  | 16.6314  | A   | 1.6 |
| 5 | <input type="checkbox"/> | 2500.000  | 2715.873   | 13927315.49 | 34.5689  | A   | 1.9 |
| 6 | <input type="checkbox"/> | 5000.000  | 5072.063   | 25799421.28 | 64.5576  | A   | 1.6 |
| 7 | <input type="checkbox"/> | 10000.000 | 9900.725   | 51651734.23 | 126.0148 | A   | 0.9 |
| 8 | <input type="checkbox"/> |           |            | 15961.10    | 0.0436   | P   | 4.5 |

$$y = 0.0127 * x + 0.0024$$

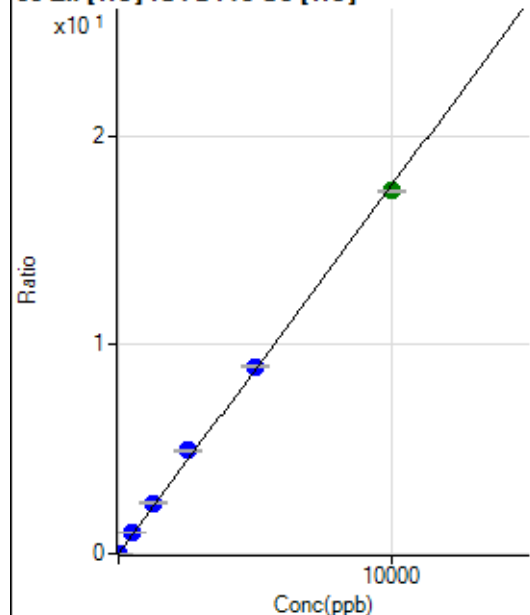
$$R = 0.9997$$

$$DL = 0.02846$$

$$BEC = 0.1869$$

Weight: &lt;None&gt;

Min Conc: 0

**66 Zn [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1422.32    | 0.0034  | P   | 2.7 |
| 2 | <input type="checkbox"/> | 2.000     | 2.107      | 3004.81    | 0.0071  | P   | 1.9 |
| 3 | <input type="checkbox"/> | 500.000   | 569.612    | 428445.54  | 1.0072  | P   | 0.5 |
| 4 | <input type="checkbox"/> | 1250.000  | 1374.964   | 999998.15  | 2.4264  | P   | 2.4 |
| 5 | <input type="checkbox"/> | 2500.000  | 2800.908   | 1989956.88 | 4.9392  | P   | 1.9 |
| 6 | <input type="checkbox"/> | 5000.000  | 5093.451   | 3588516.48 | 8.9791  | P   | 1.0 |
| 7 | <input type="checkbox"/> | 10000.000 | 9858.947   | 7123101.49 | 17.3768 | A   | 0.3 |
| 8 | <input type="checkbox"/> |           |            | 20734.90   | 0.0567  | P   | 2.3 |

$$y = 0.0018 * x + 0.0034$$

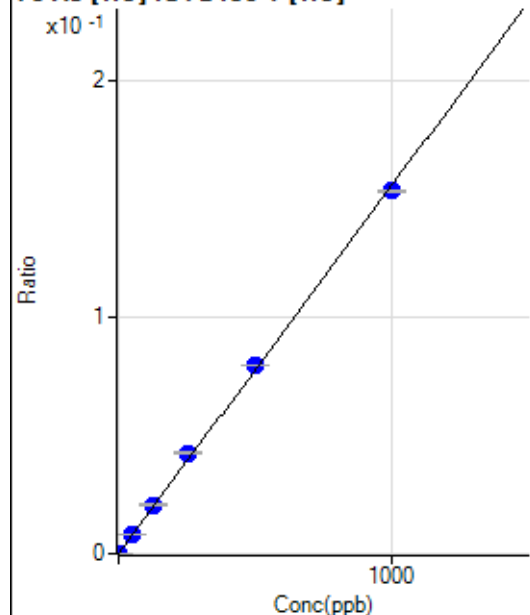
$$R = 0.9994$$

$$DL = 0.1575$$

$$BEC = 1.939$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 14.19     | 0.0000 | P   | 8.2 |
| 2 | <input type="checkbox"/> | 1.000    | 1.055      | 487.05    | 0.0002 | P   | 0.9 |
| 3 | <input type="checkbox"/> | 50.000   | 54.376     | 24574.53  | 0.0085 | P   | 0.4 |
| 4 | <input type="checkbox"/> | 125.000  | 132.515    | 58313.77  | 0.0206 | P   | 2.0 |
| 5 | <input type="checkbox"/> | 250.000  | 274.000    | 118565.46 | 0.0426 | P   | 0.7 |
| 6 | <input type="checkbox"/> | 500.000  | 512.715    | 220352.04 | 0.0798 | P   | 0.3 |
| 7 | <input type="checkbox"/> | 1000.000 | 986.484    | 431226.19 | 0.1535 | P   | 0.8 |
| 8 | <input type="checkbox"/> |          |            | 246.92    | 0.0001 | P   | 2.9 |

$$y = 1.5557E-004 * x + 5.0143E-006$$

$$R = 0.9996$$

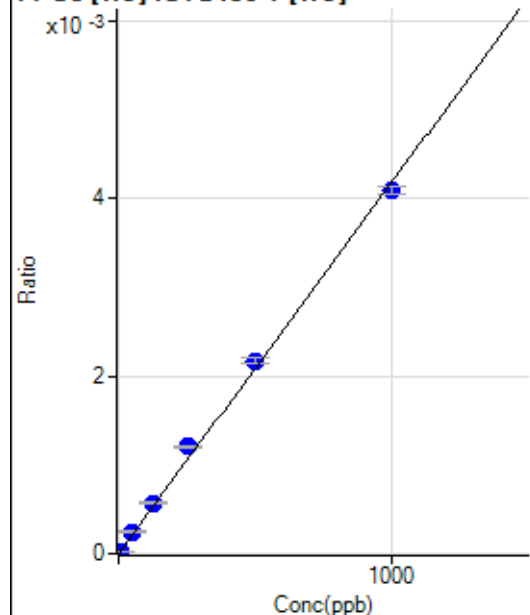
$$DL = 0.007937$$

$$BEC = 0.03223$$

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      | 0.00     | 0.0000 | P   |      |
| 2 | <input type="checkbox"/> | 5.000    | 6.176      | 74.45    | 0.0000 | P   | 32.4 |
| 3 | <input type="checkbox"/> | 50.000   | 59.421     | 720.03   | 0.0002 | P   | 6.7  |
| 4 | <input type="checkbox"/> | 125.000  | 136.148    | 1606.78  | 0.0006 | P   | 2.9  |
| 5 | <input type="checkbox"/> | 250.000  | 289.664    | 3361.55  | 0.0012 | P   | 1.4  |
| 6 | <input type="checkbox"/> | 500.000  | 520.411    | 5998.01  | 0.0022 | P   | 3.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 978.008    | 11468.05 | 0.0041 | P   | 1.9  |
| 8 | <input type="checkbox"/> |          |            | 7.78     | 0.0000 | P   | 23.1 |

$$y = 4.1727\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9988$$

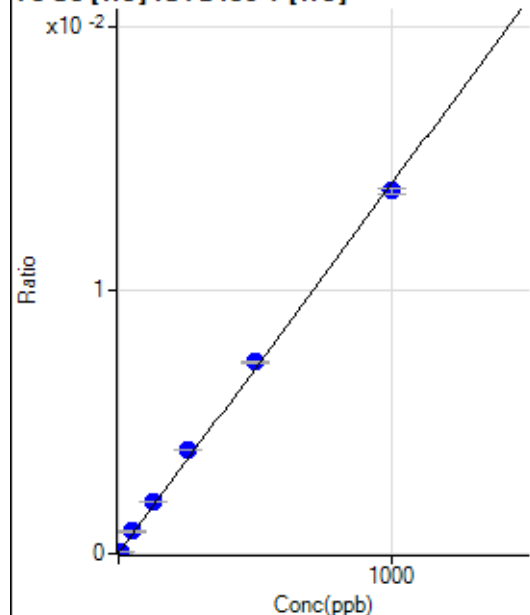
$$DL = 0$$

$$BEC = 0$$

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      | 58.02    | 0.0000 | P   | 12.2 |
| 2 | <input type="checkbox"/> | 5.000    | 5.727      | 289.51   | 0.0001 | P   | 12.5 |
| 3 | <input type="checkbox"/> | 50.000   | 58.527     | 2436.65  | 0.0008 | P   | 1.3  |
| 4 | <input type="checkbox"/> | 125.000  | 139.175    | 5562.84  | 0.0020 | P   | 3.3  |
| 5 | <input type="checkbox"/> | 250.000  | 279.742    | 10941.24 | 0.0039 | P   | 0.1  |
| 6 | <input type="checkbox"/> | 500.000  | 517.972    | 20073.21 | 0.0073 | P   | 1.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 981.377    | 38631.04 | 0.0137 | P   | 1.5  |
| 8 | <input type="checkbox"/> |          |            | 82.72    | 0.0000 | P   | 8.4  |

$$y = 1.3989\text{E-}005 * x + 2.0480\text{E-}005$$

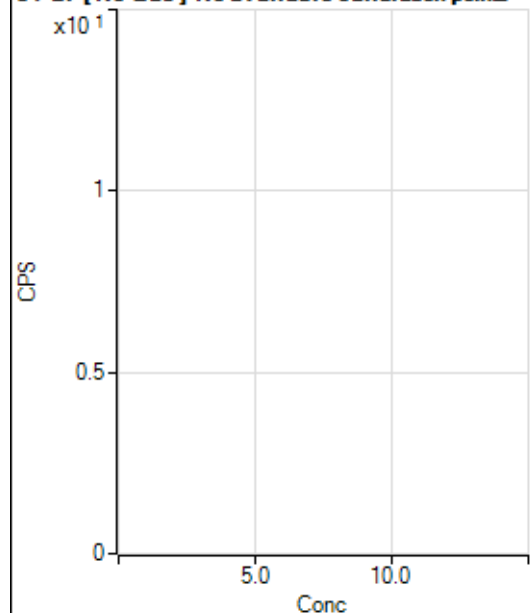
$$R = 0.9992$$

$$DL = 0.5349$$

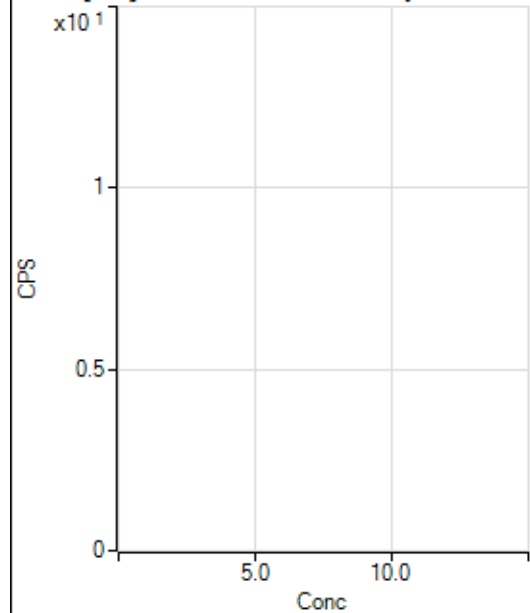
$$BEC = 1.464$$

Weight: &lt;None&gt;

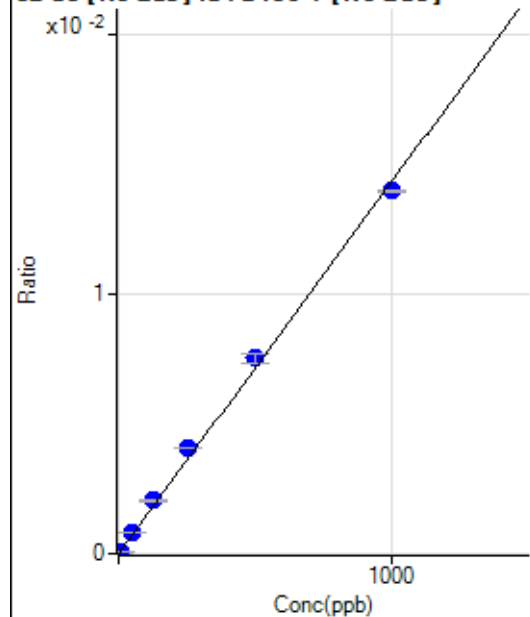
Min Conc: 0

**81 Br [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 60726.46 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> |       |            | 62699.62 |       | P        | 1.1 |
| 3 | <input type="checkbox"/> |       |            | 61011.38 |       | P        | 1.8 |
| 4 | <input type="checkbox"/> |       |            | 57539.68 |       | P        | 1.4 |
| 5 | <input type="checkbox"/> |       |            | 58166.44 |       | P        | 1.3 |
| 6 | <input type="checkbox"/> |       |            | 59948.65 |       | P        | 2.1 |
| 7 | <input type="checkbox"/> |       |            | 59955.75 |       | P        | 1.6 |
| 8 | <input type="checkbox"/> |       |            | 53055.18 |       | P        | 0.6 |

**81 Br [ He ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 53.39  |       | P        | 39.0 |
| 2 | <input type="checkbox"/> |       |            | 250.27 |       | P        | 8.0  |
| 3 | <input type="checkbox"/> |       |            | 36.70  |       | P        | 68.6 |
| 4 | <input type="checkbox"/> |       |            | 30.03  |       | P        | 100. |
| 5 | <input type="checkbox"/> |       |            | 66.73  |       | P        | 37.7 |
| 6 | <input type="checkbox"/> |       |            | 66.73  |       | P        | 22.9 |
| 7 | <input type="checkbox"/> |       |            | 73.41  |       | P        | 70.0 |
| 8 | <input type="checkbox"/> |       |            | 60.06  |       | P        | 33.3 |

**82 Se [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      | 17.08     | 0.0000 | P    | 279. |
| 2 | <input type="checkbox"/> | 5.000    | 6.136      | 2089.40   | 0.0001 | P    | 2.0  |
| 3 | <input type="checkbox"/> | 50.000   | 58.651     | 20955.78  | 0.0008 | P    | 1.4  |
| 4 | <input type="checkbox"/> | 125.000  | 142.838    | 49391.27  | 0.0020 | P    | 1.1  |
| 5 | <input type="checkbox"/> | 250.000  | 283.094    | 96265.76  | 0.0041 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 500.000  | 525.884    | 176571.06 | 0.0075 | P    | 4.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 976.116    | 341263.99 | 0.0140 | P    | 0.7  |
| 8 | <input type="checkbox"/> |          |            | 319.80    | 0.0000 | P    | 17.2 |

$$y = 1.4313\text{E-}005 * x + 7.2054\text{E-}007$$

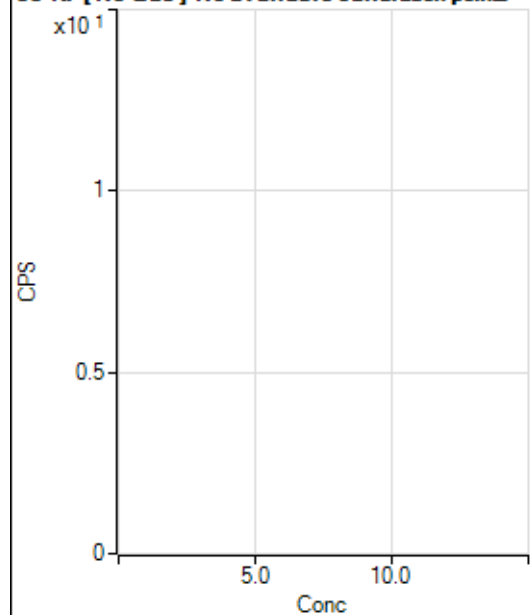
$$R = 0.9988$$

$$DL = 0.4224$$

$$BEC = 0.05034$$

Weight: &lt;None&gt;

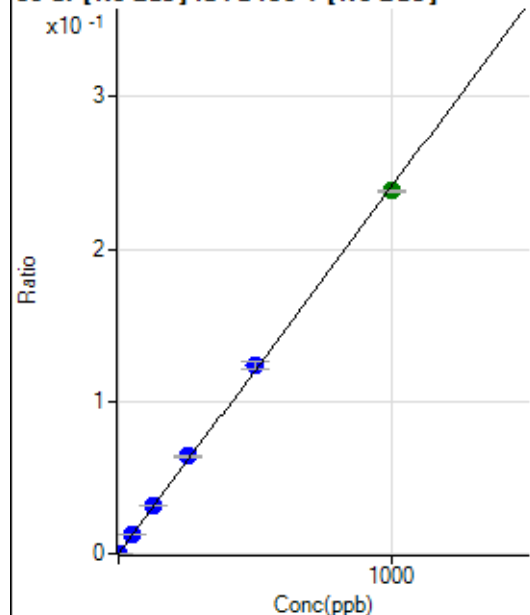
Min Conc: 0

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det. | RSD  |
|---|--------------------------|-------|------------|--------|-------|------|------|
| 1 | <input type="checkbox"/> |       |            | 394.46 |       | P    | 6.3  |
| 2 | <input type="checkbox"/> |       |            | 421.13 |       | P    | 2.8  |
| 3 | <input type="checkbox"/> |       |            | 452.24 |       | P    | 7.1  |
| 4 | <input type="checkbox"/> |       |            | 400.01 |       | P    | 8.8  |
| 5 | <input type="checkbox"/> |       |            | 423.35 |       | P    | 11.4 |
| 6 | <input type="checkbox"/> |       |            | 480.01 |       | P    | 4.9  |
| 7 | <input type="checkbox"/> |       |            | 498.91 |       | P    | 12.4 |
| 8 | <input type="checkbox"/> |       |            | 474.46 |       | P    | 5.7  |



86 Sr [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      | 716.72     | 0.0000 | P    | 7.3 |
| 2 | <input type="checkbox"/> | 1.000    | 1.101      | 6957.54    | 0.0003 | P    | 1.8 |
| 3 | <input type="checkbox"/> | 50.000   | 51.898     | 312421.13  | 0.0125 | P    | 0.7 |
| 4 | <input type="checkbox"/> | 125.000  | 130.032    | 756815.28  | 0.0313 | P    | 1.3 |
| 5 | <input type="checkbox"/> | 250.000  | 265.004    | 1516379.16 | 0.0638 | P    | 0.4 |
| 6 | <input type="checkbox"/> | 500.000  | 513.487    | 2901195.81 | 0.1237 | P    | 3.9 |
| 7 | <input type="checkbox"/> | 1000.000 | 988.781    | 5815891.67 | 0.2381 | A    | 0.3 |
| 8 | <input type="checkbox"/> |          |            | 12136.11   | 0.0006 | P    | 1.1 |

$$y = 2.4077\text{E-}004 * x + 2.9677\text{E-}005$$

$$R = 0.9997$$

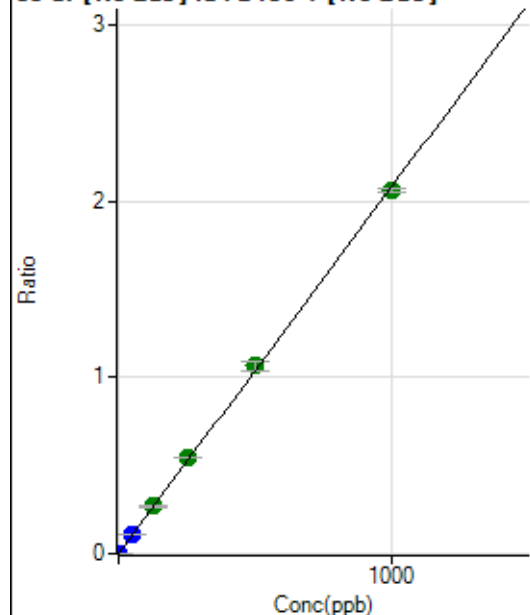
$$DL = 0.0269$$

$$BEC = 0.1233$$

Weight: &lt;None&gt;

Min Conc: 0

88 Sr [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      | 300.02      | 0.0000 | P    | 44.6 |
| 2 | <input type="checkbox"/> | 1.000    | 1.097      | 54225.64    | 0.0023 | P    | 1.2  |
| 3 | <input type="checkbox"/> | 50.000   | 52.353     | 2720989.84  | 0.1091 | P    | 0.7  |
| 4 | <input type="checkbox"/> | 125.000  | 128.619    | 6472099.50  | 0.2680 | A    | 1.4  |
| 5 | <input type="checkbox"/> | 250.000  | 263.309    | 13032068.00 | 0.5486 | A    | 0.8  |
| 6 | <input type="checkbox"/> | 500.000  | 513.230    | 25080720.01 | 1.0693 | A    | 4.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 989.488    | 50354468.14 | 2.0616 | A    | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 100773.14   | 0.0047 | P    | 1.3  |

$$y = 0.0021 * x + 1.2388\text{E-}005$$

$$R = 0.9998$$

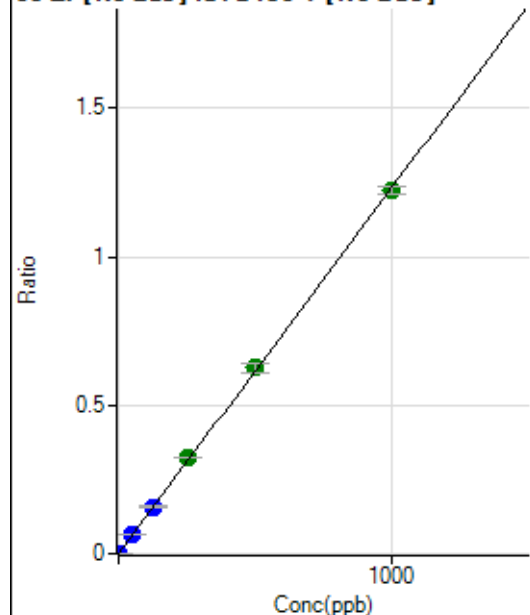
$$DL = 0.007964$$

$$BEC = 0.005946$$

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. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1208.44     | 0.0001 | P    | 8.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.761      | 23291.94    | 0.0010 | P    | 3.7 |
| 3 | <input type="checkbox"/> | 50.000   | 50.235     | 1543396.51  | 0.0619 | P    | 0.7 |
| 4 | <input type="checkbox"/> | 125.000  | 128.688    | 3826102.95  | 0.1584 | P    | 1.7 |
| 5 | <input type="checkbox"/> | 250.000  | 261.673    | 7651485.94  | 0.3221 | A    | 0.3 |
| 6 | <input type="checkbox"/> | 500.000  | 507.867    | 14663495.64 | 0.6251 | A    | 4.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 992.676    | 29840580.53 | 1.2218 | A    | 2.1 |
| 8 | <input type="checkbox"/> |          |            | 10807.28    | 0.0005 | P    | 7.1 |

$$y = 0.0012 * x + 5.0076E-005$$

$$R = 0.9999$$

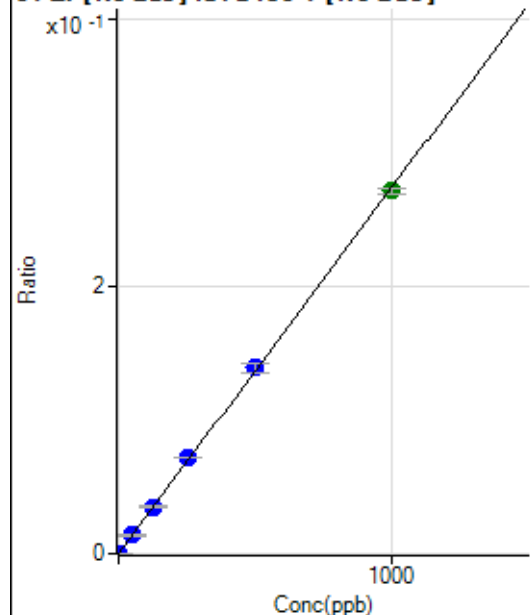
$$DL = 0.01066$$

$$BEC = 0.04069$$

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      | 205.57     | 0.0000 | P    | 23.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.755      | 5084.46    | 0.0002 | P    | 5.6  |
| 3 | <input type="checkbox"/> | 50.000   | 49.953     | 341685.16  | 0.0137 | P    | 0.2  |
| 4 | <input type="checkbox"/> | 125.000  | 128.449    | 850344.47  | 0.0352 | P    | 1.5  |
| 5 | <input type="checkbox"/> | 250.000  | 263.031    | 1712523.17 | 0.0721 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 500.000  | 509.144    | 3272893.56 | 0.1395 | P    | 4.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 991.742    | 6638466.03 | 0.2718 | A    | 1.5  |
| 8 | <input type="checkbox"/> |          |            | 2514.22    | 0.0001 | P    | 6.0  |

$$y = 2.7405E-004 * x + 8.5150E-006$$

$$R = 0.9998$$

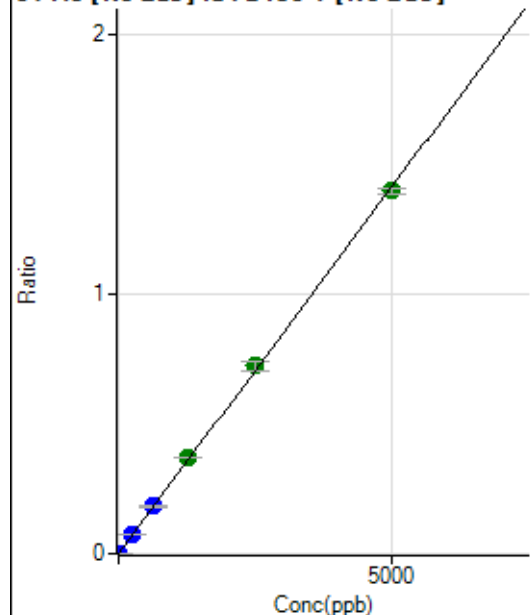
$$DL = 0.02208$$

$$BEC = 0.03107$$

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      | 444.47      | 0.0000 | P    | 9.5 |
| 2 | <input type="checkbox"/> | 5.000    | 5.094      | 34384.28    | 0.0015 | P    | 2.0 |
| 3 | <input type="checkbox"/> | 250.000  | 256.398    | 1806724.22  | 0.0724 | P    | 0.3 |
| 4 | <input type="checkbox"/> | 625.000  | 643.238    | 4387828.01  | 0.1817 | P    | 1.3 |
| 5 | <input type="checkbox"/> | 1250.000 | 1311.662   | 8800245.60  | 0.3705 | A    | 1.1 |
| 6 | <input type="checkbox"/> | 2500.000 | 2562.154   | 16971357.15 | 0.7236 | A    | 5.2 |
| 7 | <input type="checkbox"/> | 5000.000 | 4950.908   | 34152805.62 | 1.3983 | A    | 1.3 |
| 8 | <input type="checkbox"/> |          |            | 24852.99    | 0.0012 | P    | 6.1 |

$$y = 2.8242\text{E-}004 * x + 1.8422\text{E-}005$$

$$R = 0.9998$$

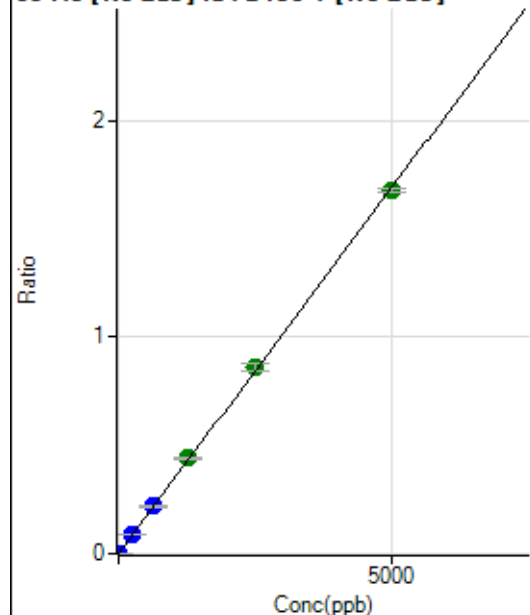
$$DL = 0.01861$$

$$BEC = 0.06523$$

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      | 122.23      | 0.0000 | P    | 2.3 |
| 2 | <input type="checkbox"/> | 5.000    | 5.526      | 44135.84    | 0.0019 | P    | 1.1 |
| 3 | <input type="checkbox"/> | 250.000  | 257.071    | 2164336.96  | 0.0868 | P    | 0.7 |
| 4 | <input type="checkbox"/> | 625.000  | 646.382    | 5268798.29  | 0.2182 | P    | 1.6 |
| 5 | <input type="checkbox"/> | 1250.000 | 1304.866   | 10461645.55 | 0.4404 | A    | 1.3 |
| 6 | <input type="checkbox"/> | 2500.000 | 2547.935   | 20176504.79 | 0.8600 | A    | 3.9 |
| 7 | <input type="checkbox"/> | 5000.000 | 4959.289   | 40883778.00 | 1.6738 | A    | 1.0 |
| 8 | <input type="checkbox"/> |          |            | 36001.86    | 0.0017 | P    | 3.9 |

$$y = 3.3751\text{E-}004 * x + 5.0589\text{E-}006$$

$$R = 0.9999$$

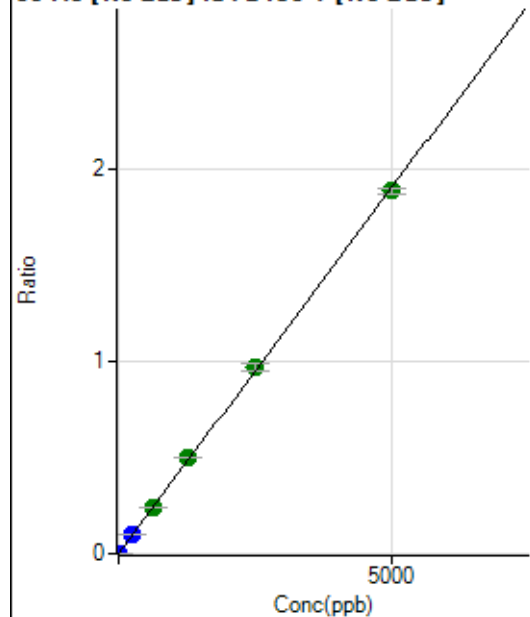
$$DL = 0.001038$$

$$BEC = 0.01499$$

Weight: &lt;None&gt;

Min Conc: 0

96 Mo [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      | 258.35      | 0.0000 | P    | 17.5 |
| 2 | <input type="checkbox"/> | 5.000    | 5.513      | 49629.12    | 0.0021 | P    | 2.6  |
| 3 | <input type="checkbox"/> | 250.000  | 256.900    | 2432510.64  | 0.0975 | P    | 0.9  |
| 4 | <input type="checkbox"/> | 625.000  | 635.653    | 5827410.68  | 0.2413 | A    | 1.2  |
| 5 | <input type="checkbox"/> | 1250.000 | 1306.292   | 11778555.12 | 0.4958 | A    | 0.4  |
| 6 | <input type="checkbox"/> | 2500.000 | 2547.971   | 22687479.15 | 0.9672 | A    | 4.4  |
| 7 | <input type="checkbox"/> | 5000.000 | 4960.265   | 45986987.83 | 1.8828 | A    | 1.4  |
| 8 | <input type="checkbox"/> |          |            | 60683.50    | 0.0028 | P    | 1.6  |

$$y = 3.7957\text{E-}004 * x + 1.0711\text{E-}005$$

$$R = 0.9999$$

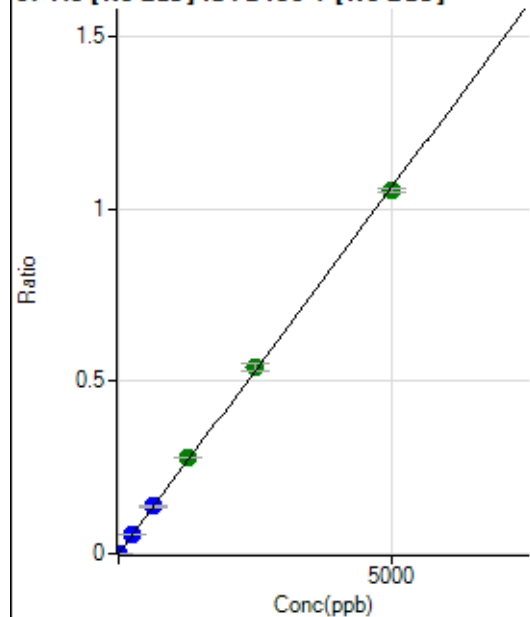
$$DL = 0.01483$$

$$BEC = 0.02822$$

Weight: &lt;None&gt;

Min Conc: 0

97 Mo [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      | 55.56       | 0.0000 | P    | 33.3 |
| 2 | <input type="checkbox"/> | 5.000    | 5.661      | 28448.73    | 0.0012 | P    | 1.4  |
| 3 | <input type="checkbox"/> | 250.000  | 258.155    | 1368621.61  | 0.0549 | P    | 1.0  |
| 4 | <input type="checkbox"/> | 625.000  | 644.003    | 3305724.49  | 0.1369 | P    | 1.6  |
| 5 | <input type="checkbox"/> | 1250.000 | 1310.316   | 6615476.41  | 0.2785 | A    | 0.9  |
| 6 | <input type="checkbox"/> | 2500.000 | 2554.303   | 12737014.35 | 0.5429 | A    | 3.8  |
| 7 | <input type="checkbox"/> | 5000.000 | 4954.986   | 25723074.36 | 1.0531 | A    | 1.2  |
| 8 | <input type="checkbox"/> |          |            | 22340.58    | 0.0010 | P    | 5.2  |

$$y = 2.1254\text{E-}004 * x + 2.2908\text{E-}006$$

$$R = 0.9998$$

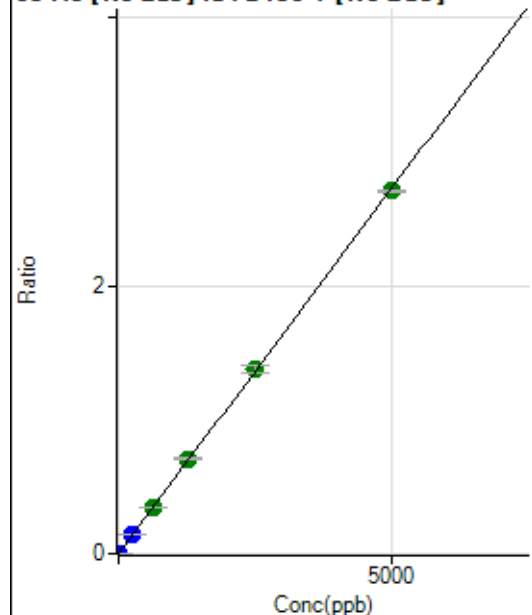
$$DL = 0.01078$$

$$BEC = 0.01078$$

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      | 200.01      | 0.0000 | P   | 15.4 |
| 2 | <input type="checkbox"/> | 5.000    | 5.645      | 72708.37    | 0.0031 | P   | 1.5  |
| 3 | <input type="checkbox"/> | 250.000  | 256.418    | 3481392.40  | 0.1396 | P   | 1.0  |
| 4 | <input type="checkbox"/> | 625.000  | 634.453    | 8340156.87  | 0.3453 | A   | 1.3  |
| 5 | <input type="checkbox"/> | 1250.000 | 1302.734   | 16843609.58 | 0.7091 | A   | 0.8  |
| 6 | <input type="checkbox"/> | 2500.000 | 2531.442   | 32327781.28 | 1.3779 | A   | 3.8  |
| 7 | <input type="checkbox"/> | 5000.000 | 4969.592   | 66070029.95 | 2.7049 | A   | 0.7  |
| 8 | <input type="checkbox"/> |          |            | 54956.83    | 0.0025 | P   | 1.3  |

$$y = 5.4429\text{E-}004 * x + 8.2852\text{E-}006$$

$$R = 0.9999$$

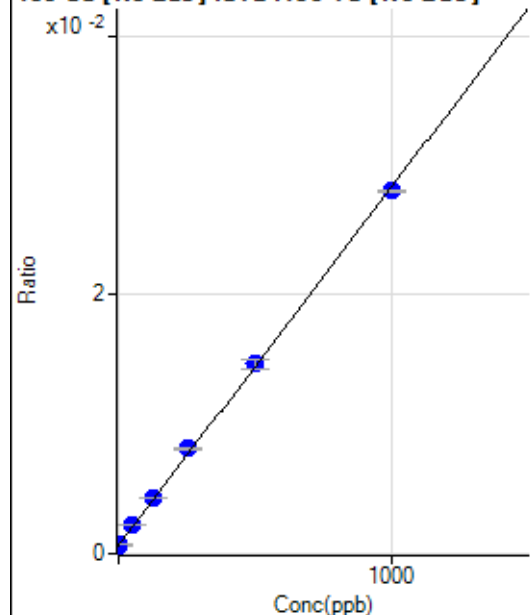
$$DL = 0.007022$$

$$BEC = 0.01522$$

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      | 12239.23  | 0.0006 | P   | 4.6 |
| 2 | <input type="checkbox"/> | 1.000    | 2.474      | 13209.47  | 0.0007 | P   | 3.2 |
| 3 | <input type="checkbox"/> | 50.000   | 55.741     | 43484.63  | 0.0022 | P   | 1.4 |
| 4 | <input type="checkbox"/> | 125.000  | 134.272    | 85675.57  | 0.0043 | P   | 1.2 |
| 5 | <input type="checkbox"/> | 250.000  | 270.711    | 158385.52 | 0.0081 | P   | 1.0 |
| 6 | <input type="checkbox"/> | 500.000  | 507.593    | 283074.91 | 0.0147 | P   | 5.1 |
| 7 | <input type="checkbox"/> | 1000.000 | 989.578    | 563470.78 | 0.0280 | P   | 0.6 |
| 8 | <input type="checkbox"/> |          |            | 11463.58  | 0.0007 | P   | 7.6 |

$$y = 2.7679\text{E-}005 * x + 6.2788\text{E-}004$$

$$R = 0.9997$$

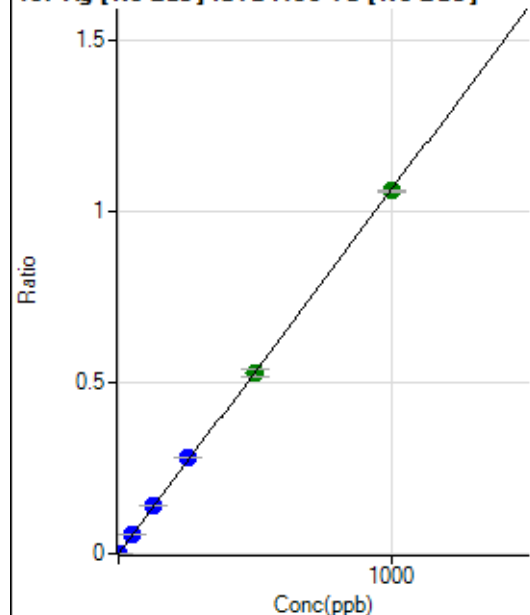
$$DL = 3.122$$

$$BEC = 22.68$$

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      | 219.45      | 0.0000 | P   | 22.1 |
| 2 | <input type="checkbox"/> | 1.000    | 1.285      | 26113.93    | 0.0014 | P   | 0.4  |
| 3 | <input type="checkbox"/> | 50.000   | 54.684     | 1164407.75  | 0.0581 | P   | 0.7  |
| 4 | <input type="checkbox"/> | 125.000  | 131.465    | 2755572.05  | 0.1397 | P   | 0.8  |
| 5 | <input type="checkbox"/> | 250.000  | 264.583    | 5484108.37  | 0.2812 | P   | 1.6  |
| 6 | <input type="checkbox"/> | 500.000  | 497.594    | 10199802.66 | 0.5288 | A   | 4.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 996.515    | 21298497.18 | 1.0591 | A   | 0.3  |
| 8 | <input type="checkbox"/> |          |            | 5267.87     | 0.0003 | P   | 3.7  |

$$y = 0.0011 * x + 1.1285E-005$$

$$R = 0.9999$$

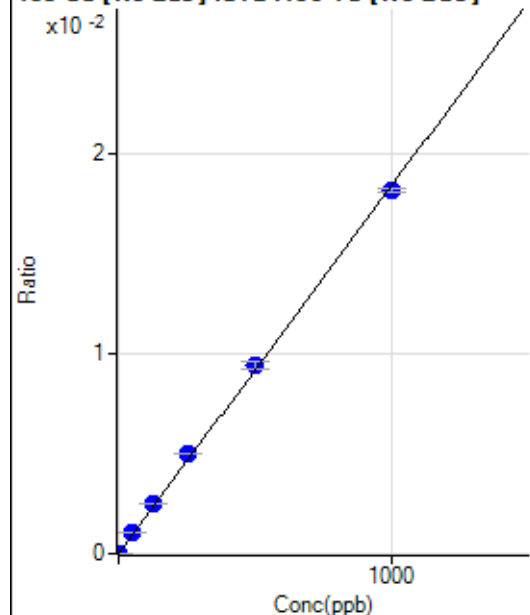
$$DL = 0.00704$$

$$BEC = 0.01062$$

Weight: &lt;None&gt;

Min Conc: 0

108 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      | 18.05     | 0.0000 | P   | 27.6 |
| 2 | <input type="checkbox"/> | 1.000    | 1.173      | 426.40    | 0.0000 | P   | 2.8  |
| 3 | <input type="checkbox"/> | 50.000   | 56.507     | 20814.19  | 0.0010 | P   | 0.9  |
| 4 | <input type="checkbox"/> | 125.000  | 134.780    | 48846.78  | 0.0025 | P   | 0.5  |
| 5 | <input type="checkbox"/> | 250.000  | 272.514    | 97655.66  | 0.0050 | P   | 0.9  |
| 6 | <input type="checkbox"/> | 500.000  | 512.995    | 181790.96 | 0.0094 | P   | 4.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 986.326    | 364395.01 | 0.0181 | P   | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 219.45    | 0.0000 | P   | 5.8  |

$$y = 1.8370E-005 * x + 9.2850E-007$$

$$R = 0.9996$$

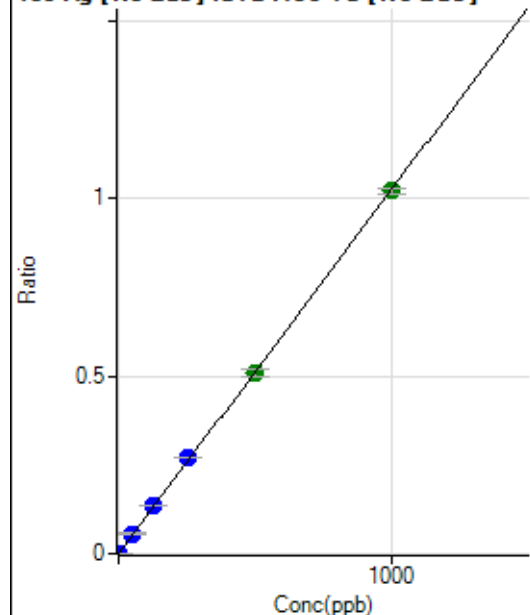
$$DL = 0.04178$$

$$BEC = 0.05054$$

Weight: &lt;None&gt;

Min Conc: 0

109 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      | 58.34       | 0.0000 | P   | 16.3 |
| 2 | <input type="checkbox"/> | 1.000    | 1.302      | 25382.06    | 0.0013 | P   | 0.6  |
| 3 | <input type="checkbox"/> | 50.000   | 55.164     | 1132783.86  | 0.0565 | P   | 1.4  |
| 4 | <input type="checkbox"/> | 125.000  | 132.204    | 2672630.81  | 0.1355 | P   | 1.2  |
| 5 | <input type="checkbox"/> | 250.000  | 264.483    | 5287544.00  | 0.2711 | P   | 1.5  |
| 6 | <input type="checkbox"/> | 500.000  | 497.277    | 9832788.07  | 0.5097 | A   | 4.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 996.582    | 20543308.10 | 1.0216 | A   | 1.4  |
| 8 | <input type="checkbox"/> |          |            | 4650.97     | 0.0003 | P   | 1.7  |

$$y = 0.0010 * x + 3.0003E-006$$

$$R = 0.9999$$

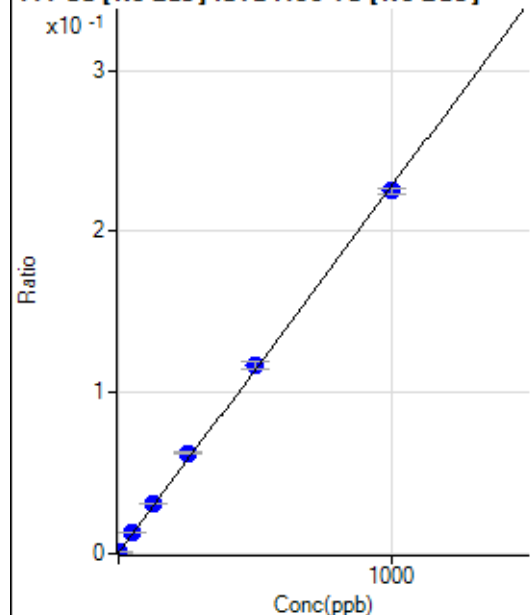
$$DL = 0.001432$$

$$BEC = 0.002927$$

Weight: &lt;None&gt;

Min Conc: 0

111 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      | 8611.77    | 0.0004 | P   | 4.4 |
| 2 | <input type="checkbox"/> | 1.000    | 1.264      | 13836.60   | 0.0007 | P   | 2.2 |
| 3 | <input type="checkbox"/> | 50.000   | 56.015     | 264175.21  | 0.0132 | P   | 1.3 |
| 4 | <input type="checkbox"/> | 125.000  | 135.433    | 616459.04  | 0.0313 | P   | 0.5 |
| 5 | <input type="checkbox"/> | 250.000  | 271.771    | 1214674.79 | 0.0623 | P   | 1.6 |
| 6 | <input type="checkbox"/> | 500.000  | 510.721    | 2250362.23 | 0.1167 | P   | 4.2 |
| 7 | <input type="checkbox"/> | 1000.000 | 987.591    | 4527925.53 | 0.2252 | P   | 1.4 |
| 8 | <input type="checkbox"/> |          |            | 9462.68    | 0.0005 | P   | 7.8 |

$$y = 2.2755E-004 * x + 4.4180E-004$$

$$R = 0.9996$$

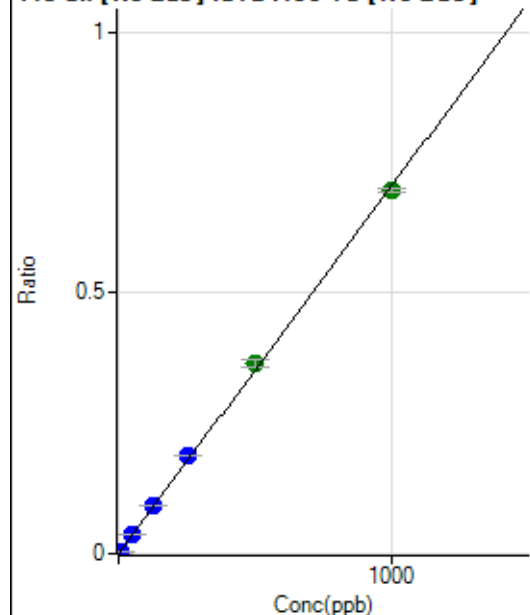
$$DL = 0.2575$$

$$BEC = 1.942$$

Weight: &lt;None&gt;

Min Conc: 0

118 Sn [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      | 966.74      | 0.0000 | P    | 5.5 |
| 2 | <input type="checkbox"/> | 5.000    | 5.531      | 74869.60    | 0.0039 | P    | 1.7 |
| 3 | <input type="checkbox"/> | 50.000   | 53.027     | 749359.47   | 0.0374 | P    | 1.4 |
| 4 | <input type="checkbox"/> | 125.000  | 130.373    | 1812404.88  | 0.0919 | P    | 0.1 |
| 5 | <input type="checkbox"/> | 250.000  | 266.926    | 3668742.66  | 0.1881 | P    | 1.0 |
| 6 | <input type="checkbox"/> | 500.000  | 515.849    | 7012366.39  | 0.3635 | A    | 4.0 |
| 7 | <input type="checkbox"/> | 1000.000 | 987.018    | 13984990.41 | 0.6954 | A    | 1.2 |
| 8 | <input type="checkbox"/> |          |            | 15795.61    | 0.0009 | P    | 1.8 |

$$y = 7.0454\text{E-}004 * x + 4.9576\text{E-}005$$

$$R = 0.9997$$

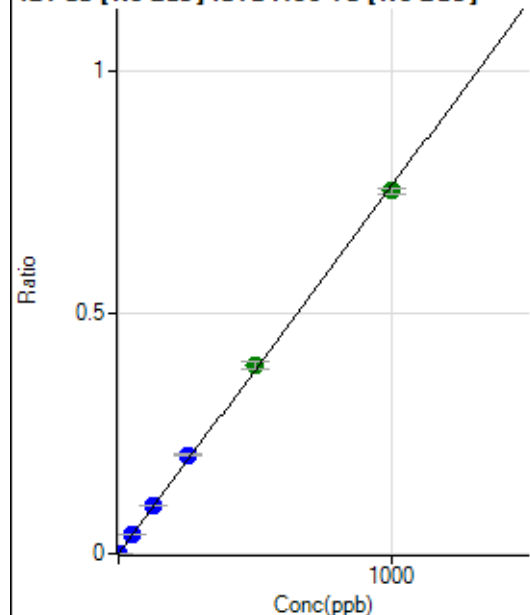
$$DL = 0.01153$$

$$BEC = 0.07037$$

Weight: &lt;None&gt;

Min Conc: 0

121 Sb [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      | 44.45       | 0.0000 | P    | 9.9 |
| 2 | <input type="checkbox"/> | 2.000    | 2.185      | 31619.88    | 0.0017 | P    | 2.3 |
| 3 | <input type="checkbox"/> | 50.000   | 53.064     | 809606.81   | 0.0404 | P    | 1.0 |
| 4 | <input type="checkbox"/> | 125.000  | 131.435    | 1974142.02  | 0.1001 | P    | 0.1 |
| 5 | <input type="checkbox"/> | 250.000  | 269.025    | 3996074.53  | 0.2049 | P    | 1.1 |
| 6 | <input type="checkbox"/> | 500.000  | 514.493    | 7559578.56  | 0.3918 | A    | 3.9 |
| 7 | <input type="checkbox"/> | 1000.000 | 987.039    | 15116911.28 | 0.7517 | A    | 1.4 |
| 8 | <input type="checkbox"/> |          |            | 18418.54    | 0.0011 | P    | 9.6 |

$$y = 7.6160\text{E-}004 * x + 2.2801\text{E-}006$$

$$R = 0.9996$$

$$DL = 0.0008887$$

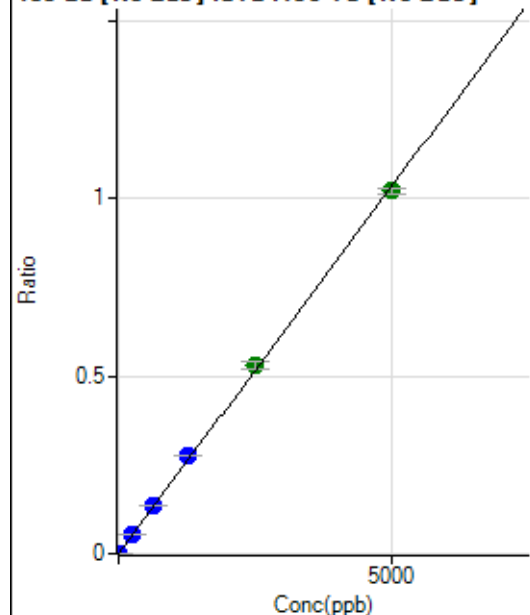
$$BEC = 0.002994$$

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      | 83.34       | 0.0000 | P    | 22.0 |
| 2 | <input type="checkbox"/> | 10.000   | 11.118     | 43678.06    | 0.0023 | P    | 3.0  |
| 3 | <input type="checkbox"/> | 250.000  | 264.942    | 1097159.81  | 0.0548 | P    | 0.8  |
| 4 | <input type="checkbox"/> | 625.000  | 652.809    | 2661261.00  | 0.1349 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 1250.000 | 1335.182   | 5382922.95  | 0.2760 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 2500.000 | 2564.297   | 10226534.78 | 0.5301 | A    | 3.8  |
| 7 | <input type="checkbox"/> | 5000.000 | 4942.330   | 20543774.94 | 1.0216 | A    | 1.8  |
| 8 | <input type="checkbox"/> |          |            | 36476.55    | 0.0021 | P    | 2.5  |

$$y = 2.0671\text{E-}004 * x + 4.2890\text{E-}006$$

$$R = 0.9997$$

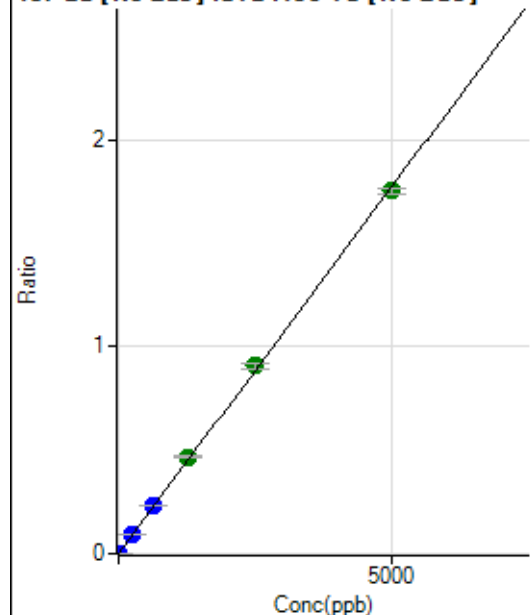
$$DL = 0.01368$$

$$BEC = 0.02075$$

Weight: &lt;None&gt;

Min Conc: 0

137 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      | 108.34      | 0.0000 | P    | 13.6 |
| 2 | <input type="checkbox"/> | 10.000   | 11.045     | 74383.80    | 0.0039 | P    | 2.2  |
| 3 | <input type="checkbox"/> | 250.000  | 264.807    | 1880658.20  | 0.0939 | P    | 0.6  |
| 4 | <input type="checkbox"/> | 625.000  | 650.992    | 4551274.67  | 0.2308 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 1250.000 | 1319.883   | 9125450.12  | 0.4679 | A    | 1.3  |
| 6 | <input type="checkbox"/> | 2500.000 | 2558.506   | 17497564.28 | 0.9070 | A    | 4.0  |
| 7 | <input type="checkbox"/> | 5000.000 | 4949.285   | 35281386.21 | 1.7545 | A    | 1.8  |
| 8 | <input type="checkbox"/> |          |            | 61827.58    | 0.0036 | P    | 0.9  |

$$y = 3.5450\text{E-}004 * x + 5.5509\text{E-}006$$

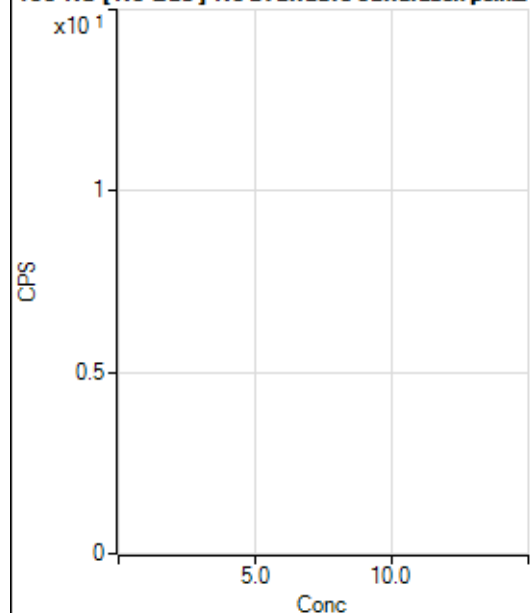
$$R = 0.9998$$

$$DL = 0.006394$$

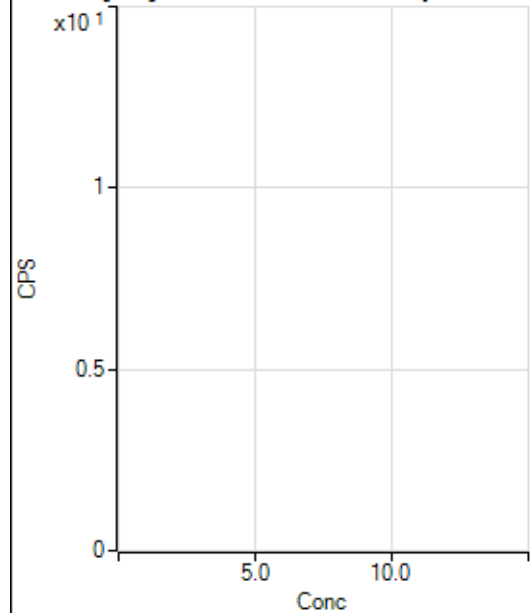
$$BEC = 0.01566$$

Weight: &lt;None&gt;

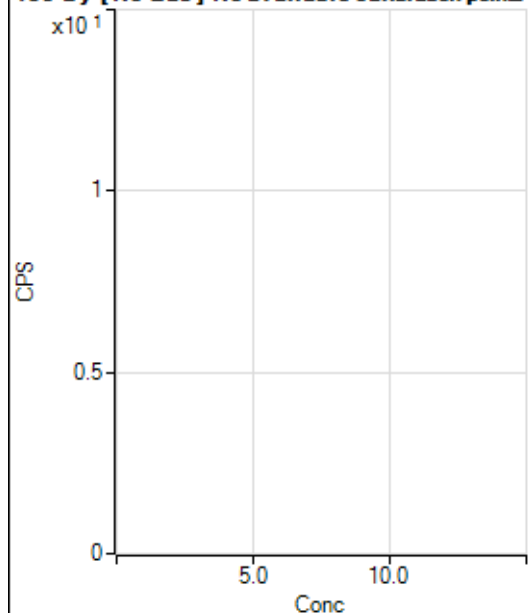
Min Conc: 0

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

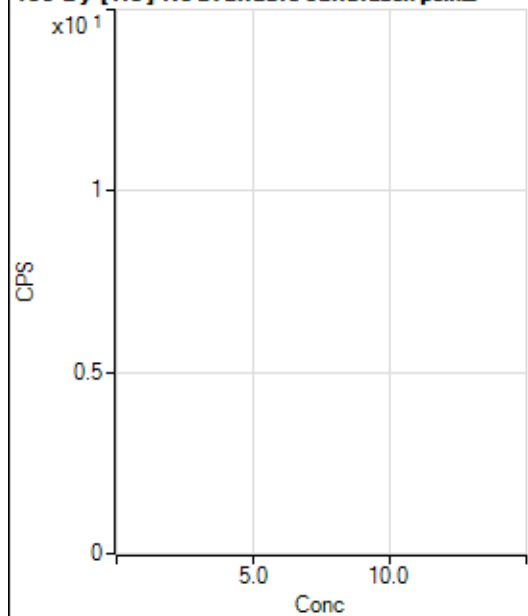
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|---------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 6.67    |       | P        | 0.0  |
| 2 | <input type="checkbox"/> |       |            | 24.44   |       | P        | 41.7 |
| 3 | <input type="checkbox"/> |       |            | 144.45  |       | P        | 16.2 |
| 4 | <input type="checkbox"/> |       |            | 375.58  |       | P        | 7.2  |
| 5 | <input type="checkbox"/> |       |            | 775.61  |       | P        | 1.8  |
| 6 | <input type="checkbox"/> |       |            | 1437.91 |       | P        | 2.6  |
| 7 | <input type="checkbox"/> |       |            | 2738.15 |       | P        | 3.0  |
| 8 | <input type="checkbox"/> |       |            | 204.46  |       | P        | 14.7 |

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

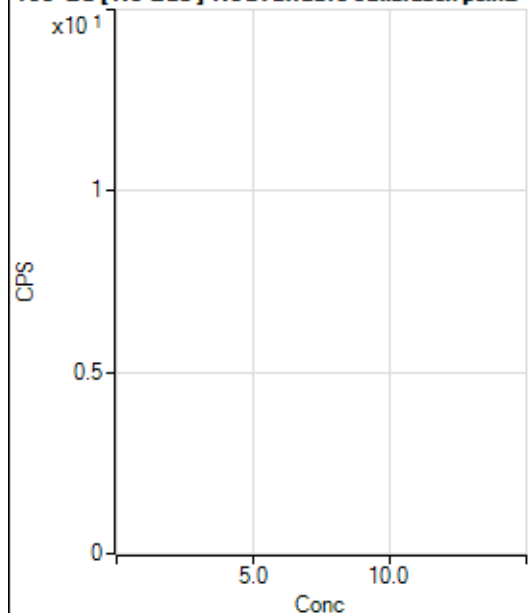
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 100. |
| 2 | <input type="checkbox"/> |       |            | 2.22   |       | P        | 86.6 |
| 3 | <input type="checkbox"/> |       |            | 18.89  |       | P        | 36.7 |
| 4 | <input type="checkbox"/> |       |            | 35.56  |       | P        | 32.9 |
| 5 | <input type="checkbox"/> |       |            | 54.44  |       | P        | 31.4 |
| 6 | <input type="checkbox"/> |       |            | 82.22  |       | P        | 22.3 |
| 7 | <input type="checkbox"/> |       |            | 151.11 |       | P        | 16.7 |
| 8 | <input type="checkbox"/> |       |            | 81.11  |       | P        | 23.7 |

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

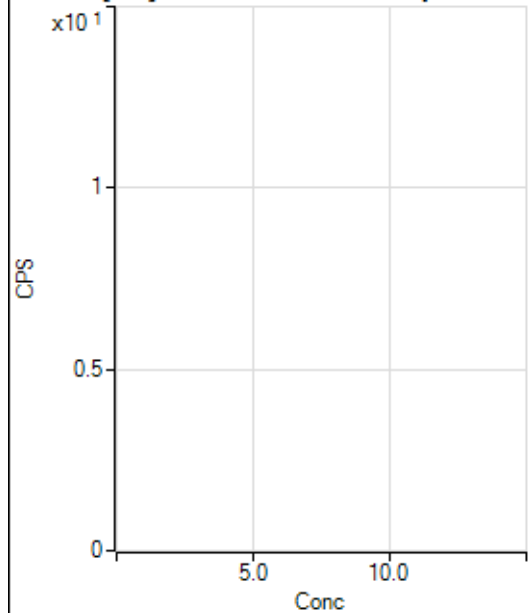
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|---------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 69.45   |       | P        | 18.3 |
| 2 | <input type="checkbox"/> |       |            | 55.56   |       | P        | 22.9 |
| 3 | <input type="checkbox"/> |       |            | 63.89   |       | P        | 37.7 |
| 4 | <input type="checkbox"/> |       |            | 111.12  |       | P        | 15.6 |
| 5 | <input type="checkbox"/> |       |            | 180.57  |       | P        | 5.3  |
| 6 | <input type="checkbox"/> |       |            | 402.80  |       | P        | 16.6 |
| 7 | <input type="checkbox"/> |       |            | 750.06  |       | P        | 14.5 |
| 8 | <input type="checkbox"/> |       |            | 1188.99 |       | P        | 4.2  |

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

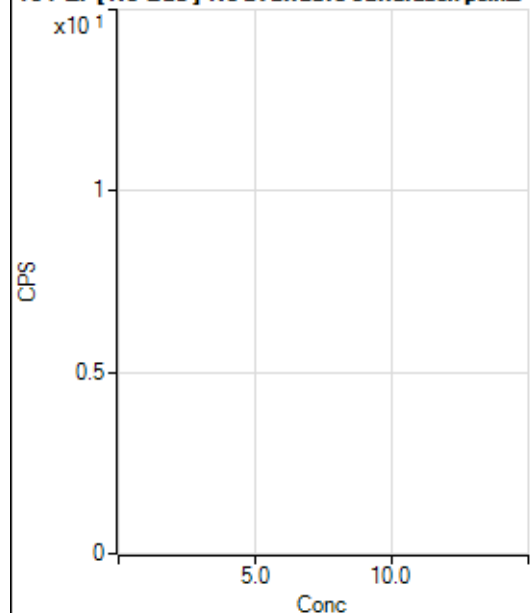
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 45.8 |
| 2 | <input type="checkbox"/> |       |            | 13.34  |       | P        | 43.3 |
| 3 | <input type="checkbox"/> |       |            | 35.56  |       | P        | 51.6 |
| 4 | <input type="checkbox"/> |       |            | 76.67  |       | P        | 7.5  |
| 5 | <input type="checkbox"/> |       |            | 162.22 |       | P        | 9.7  |
| 6 | <input type="checkbox"/> |       |            | 233.34 |       | P        | 18.2 |
| 7 | <input type="checkbox"/> |       |            | 444.46 |       | P        | 6.5  |
| 8 | <input type="checkbox"/> |       |            | 495.58 |       | P        | 6.4  |

**160 Gd [ No Gas ] Noavailable calibration poin...**

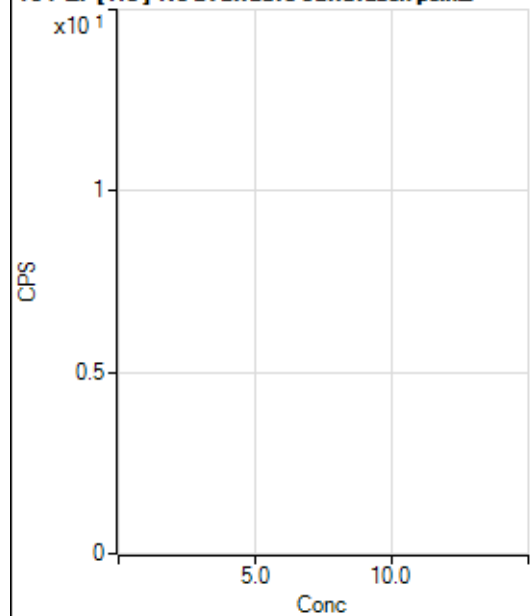
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|---------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 111.12  |       | P        | 8.7  |
| 2 | <input type="checkbox"/> |       |            | 130.56  |       | P        | 32.1 |
| 3 | <input type="checkbox"/> |       |            | 91.67   |       | P        | 39.6 |
| 4 | <input type="checkbox"/> |       |            | 177.79  |       | P        | 24.1 |
| 5 | <input type="checkbox"/> |       |            | 197.23  |       | P        | 29.7 |
| 6 | <input type="checkbox"/> |       |            | 247.24  |       | P        | 22.4 |
| 7 | <input type="checkbox"/> |       |            | 438.92  |       | P        | 9.0  |
| 8 | <input type="checkbox"/> |       |            | 1150.11 |       | P        | 4.4  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 246.68 |       | P        | 8.4  |
| 2 | <input type="checkbox"/> |       |            | 274.45 |       | P        | 13.4 |
| 3 | <input type="checkbox"/> |       |            | 288.90 |       | P        | 4.1  |
| 4 | <input type="checkbox"/> |       |            | 277.79 |       | P        | 9.8  |
| 5 | <input type="checkbox"/> |       |            | 303.34 |       | P        | 8.8  |
| 6 | <input type="checkbox"/> |       |            | 341.12 |       | P        | 5.4  |
| 7 | <input type="checkbox"/> |       |            | 407.79 |       | P        | 10.3 |
| 8 | <input type="checkbox"/> |       |            | 771.15 |       | P        | 6.1  |

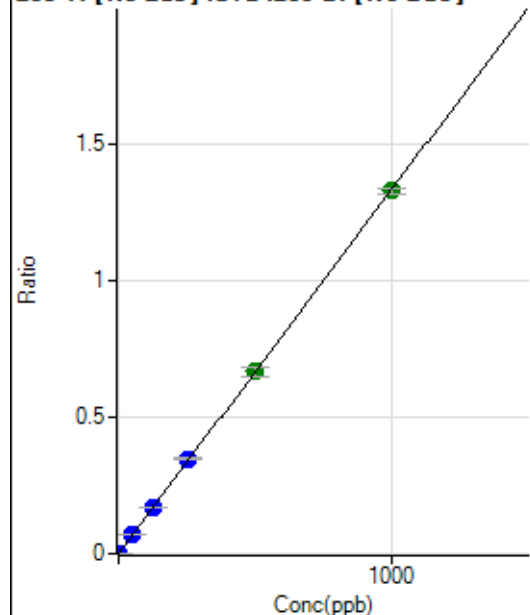
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 80.56  |       | P        | 29.9 |
| 2 | <input type="checkbox"/> |       |            | 75.01  |       | P        | 38.5 |
| 3 | <input type="checkbox"/> |       |            | 69.45  |       | P        | 25.0 |
| 4 | <input type="checkbox"/> |       |            | 102.78 |       | P        | 52.8 |
| 5 | <input type="checkbox"/> |       |            | 116.67 |       | P        | 21.4 |
| 6 | <input type="checkbox"/> |       |            | 119.45 |       | P        | 39.7 |
| 7 | <input type="checkbox"/> |       |            | 133.34 |       | P        | 0.0  |
| 8 | <input type="checkbox"/> |       |            | 275.01 |       | P        | 10.9 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 43.33 |       | P        | 13.3 |
| 2 | <input type="checkbox"/> |       |            | 44.45 |       | P        | 24.1 |
| 3 | <input type="checkbox"/> |       |            | 47.78 |       | P        | 26.4 |
| 4 | <input type="checkbox"/> |       |            | 51.11 |       | P        | 3.8  |
| 5 | <input type="checkbox"/> |       |            | 45.55 |       | P        | 8.5  |
| 6 | <input type="checkbox"/> |       |            | 58.89 |       | P        | 8.6  |
| 7 | <input type="checkbox"/> |       |            | 66.67 |       | P        | 27.8 |
| 8 | <input type="checkbox"/> |       |            | 93.33 |       | P        | 6.2  |

203 TI [No Gas] ISTD :209 Bi [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 258.35      | 0.0000 | P   | 8.6  |
| 2 | <input type="checkbox"/> | 1.000    | 1.061      | 16811.31    | 0.0014 | P   | 0.9  |
| 3 | <input type="checkbox"/> | 50.000   | 50.731     | 819760.70   | 0.0676 | P   | 0.7  |
| 4 | <input type="checkbox"/> | 125.000  | 126.839    | 1990756.12  | 0.1689 | P   | 0.4  |
| 5 | <input type="checkbox"/> | 250.000  | 261.491    | 4000066.67  | 0.3481 | P   | 1.4  |
| 6 | <input type="checkbox"/> | 500.000  | 499.882    | 7443314.23  | 0.6654 | A   | 4.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 996.919    | 14872618.91 | 1.3271 | A   | 1.8  |
| 8 | <input type="checkbox"/> |          |            | 5295.76     | 0.0006 | P   | 10.5 |

$$y = 0.0013 * x + 2.1836E-005$$

R = 0.9999

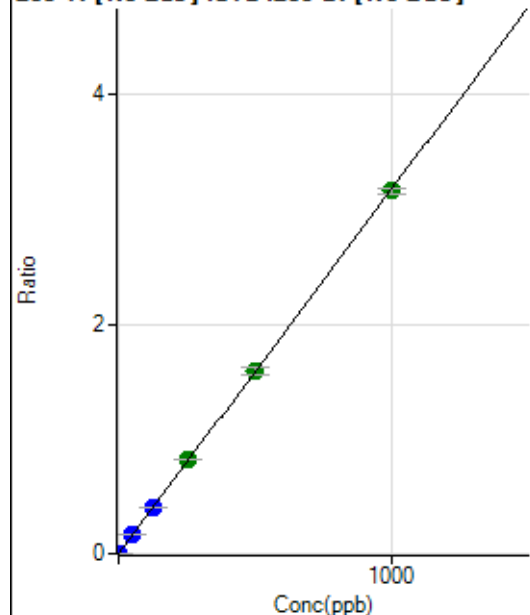
DL = 0.004253

BEC = 0.0164

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 636.16      | 0.0001 | P   | 9.8  |
| 2 | <input type="checkbox"/> | 1.000    | 1.044      | 39473.55    | 0.0034 | P   | 1.5  |
| 3 | <input type="checkbox"/> | 50.000   | 50.324     | 1939811.85  | 0.1598 | P   | 0.6  |
| 4 | <input type="checkbox"/> | 125.000  | 126.866    | 4749798.76  | 0.4029 | P   | 0.9  |
| 5 | <input type="checkbox"/> | 250.000  | 259.294    | 9461757.59  | 0.8234 | A   | 0.7  |
| 6 | <input type="checkbox"/> | 500.000  | 503.373    | 17883515.85 | 1.5984 | A   | 4.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 995.740    | 35436354.26 | 3.1618 | A   | 1.3  |
| 8 | <input type="checkbox"/> |          |            | 12703.86    | 0.0015 | P   | 13.8 |

$$y = 0.0032 * x + 5.3663E-005$$

R = 0.9999

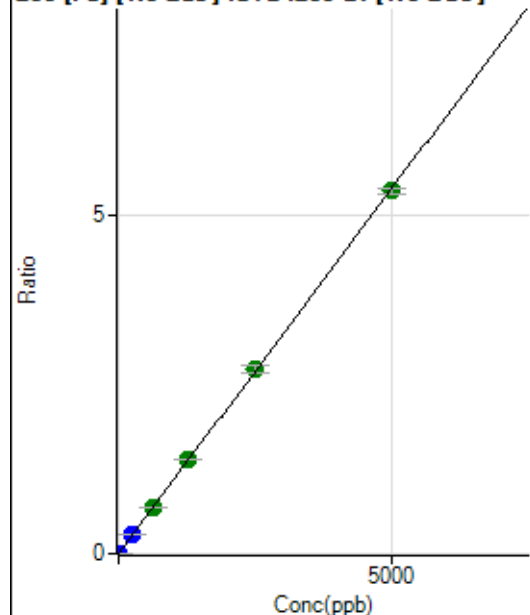
DL = 0.004975

BEC = 0.0169

Weight: &lt;None&gt;

Min Conc: 0

206 [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      | 1007.48     | 0.0001 | P   | 11.8 |
| 2 | <input type="checkbox"/> | 1.000    | 1.028      | 13991.04    | 0.0012 | P   | 2.3  |
| 3 | <input type="checkbox"/> | 250.000  | 254.702    | 3333020.01  | 0.2747 | P   | 1.4  |
| 4 | <input type="checkbox"/> | 625.000  | 625.496    | 7950537.33  | 0.6744 | A   | 0.5  |
| 5 | <input type="checkbox"/> | 1250.000 | 1290.141   | 15983105.22 | 1.3909 | A   | 1.1  |
| 6 | <input type="checkbox"/> | 2500.000 | 2534.598   | 30572034.71 | 2.7324 | A   | 3.8  |
| 7 | <input type="checkbox"/> | 5000.000 | 4972.369   | 60077222.64 | 5.3604 | A   | 1.4  |
| 8 | <input type="checkbox"/> |          |            | 54677.54    | 0.0063 | P   | 0.5  |

$$y = 0.0011 * x + 8.4969E-005$$

$$R = 0.9999$$

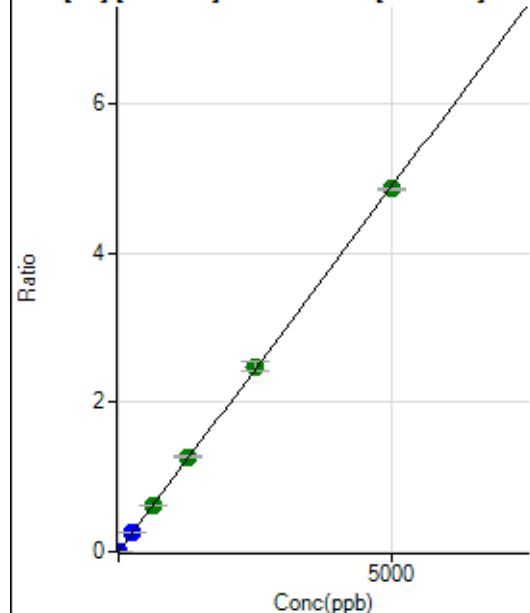
$$DL = 0.02796$$

$$BEC = 0.07882$$

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      | 818.57      | 0.0001 | P   | 2.7 |
| 2 | <input type="checkbox"/> | 1.000    | 1.021      | 12534.00    | 0.0011 | P   | 0.4 |
| 3 | <input type="checkbox"/> | 250.000  | 256.101    | 3043909.33  | 0.2508 | P   | 0.7 |
| 4 | <input type="checkbox"/> | 625.000  | 628.046    | 7250639.63  | 0.6150 | A   | 0.6 |
| 5 | <input type="checkbox"/> | 1250.000 | 1303.058   | 14662420.93 | 1.2760 | A   | 1.1 |
| 6 | <input type="checkbox"/> | 2500.000 | 2532.607   | 27738240.44 | 2.4799 | A   | 5.0 |
| 7 | <input type="checkbox"/> | 5000.000 | 4969.746   | 54542453.07 | 4.8662 | A   | 0.6 |
| 8 | <input type="checkbox"/> |          |            | 48223.12    | 0.0056 | P   | 2.6 |

$$y = 9.7915E-004 * x + 6.9081E-005$$

$$R = 0.9999$$

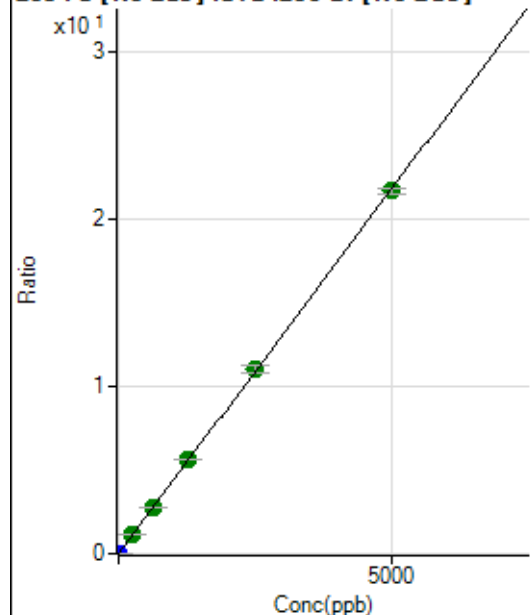
$$DL = 0.005632$$

$$BEC = 0.07055$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3711.43     | 0.0003  | P   | 0.9 |
| 2 | <input type="checkbox"/> | 1.000    | 1.038      | 56613.29    | 0.0048  | P   | 0.6 |
| 3 | <input type="checkbox"/> | 250.000  | 253.126    | 13374729.67 | 1.1021  | A   | 0.8 |
| 4 | <input type="checkbox"/> | 625.000  | 627.504    | 32205329.19 | 2.7317  | A   | 0.9 |
| 5 | <input type="checkbox"/> | 1250.000 | 1297.282   | 64893454.69 | 5.6472  | A   | 0.8 |
| 6 | <input type="checkbox"/> | 2500.000 | 2524.539   | 122940693.7 | 10.9893 | A   | 4.3 |
| 7 | <input type="checkbox"/> | 5000.000 | 4975.441   | 242728361.9 | 21.6577 | A   | 1.4 |
| 8 | <input type="checkbox"/> |          |            | 219022.03   | 0.0253  | P   | 1.9 |

$$y = 0.0044 * x + 3.1332E-004$$

$$R = 0.9999$$

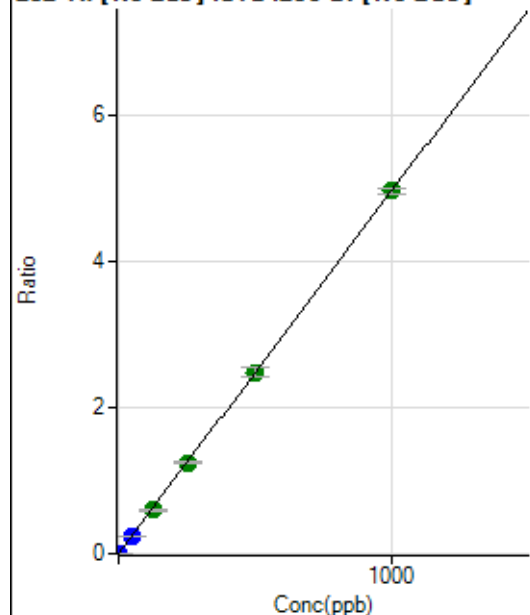
$$DL = 0.001898$$

$$BEC = 0.07198$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6992.79     | 0.0006 | P   | 1.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.680      | 46497.84    | 0.0040 | P   | 1.6 |
| 3 | <input type="checkbox"/> | 50.000   | 45.355     | 2740111.95  | 0.2258 | P   | 1.3 |
| 4 | <input type="checkbox"/> | 125.000  | 119.378    | 6995306.06  | 0.5934 | A   | 1.2 |
| 5 | <input type="checkbox"/> | 250.000  | 251.379    | 14350364.56 | 1.2488 | A   | 0.7 |
| 6 | <input type="checkbox"/> | 500.000  | 499.917    | 27773591.59 | 2.4829 | A   | 4.9 |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.632   | 55693139.67 | 4.9693 | A   | 1.4 |
| 8 | <input type="checkbox"/> |          |            | 29440.97    | 0.0034 | P   | 1.8 |

$$y = 0.0050 * x + 5.9014E-004$$

$$R = 1.0000$$

$$DL = 0.006003$$

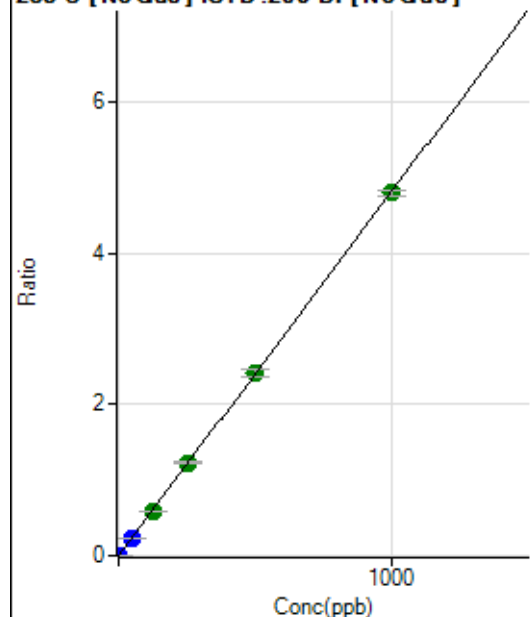
$$BEC = 0.1188$$

Weight: &lt;None&gt;

Min Conc: 0



238 U [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      | 105.56      | 0.0000 | P        | 11.2 |
| 2 | <input type="checkbox"/> | 1.000    | 0.974      | 55145.25    | 0.0047 | P        | 1.5  |
| 3 | <input type="checkbox"/> | 50.000   | 48.966     | 2865096.64  | 0.2361 | P        | 0.7  |
| 4 | <input type="checkbox"/> | 125.000  | 122.150    | 6943326.81  | 0.5890 | A        | 1.1  |
| 5 | <input type="checkbox"/> | 250.000  | 255.828    | 14173998.58 | 1.2335 | A        | 1.9  |
| 6 | <input type="checkbox"/> | 500.000  | 504.204    | 27196320.40 | 2.4310 | A        | 4.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 996.849    | 53865697.04 | 4.8063 | A        | 1.6  |
| 8 | <input type="checkbox"/> |          |            | 9298.25     | 0.0011 | P        | 10.4 |

$$y = 0.0048 * x + 8.9066E-006$$

$$R = 1.0000$$

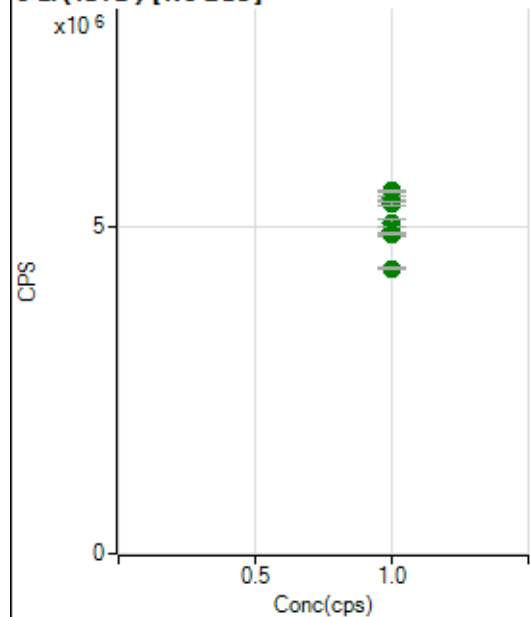
$$DL = 0.000622$$

$$BEC = 0.001847$$

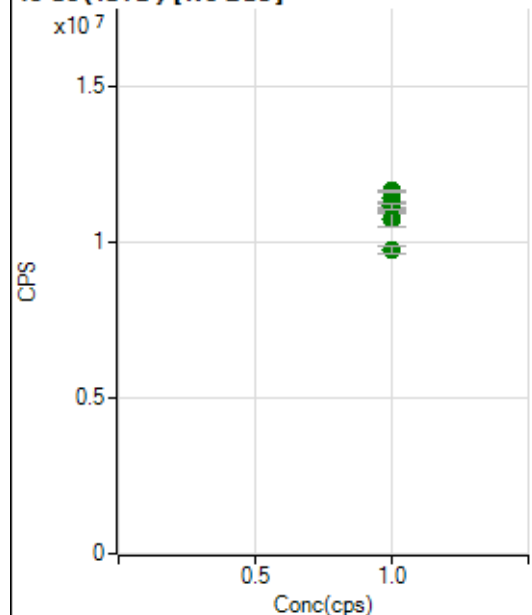
Weight: &lt;None&gt;

Min Conc: 0

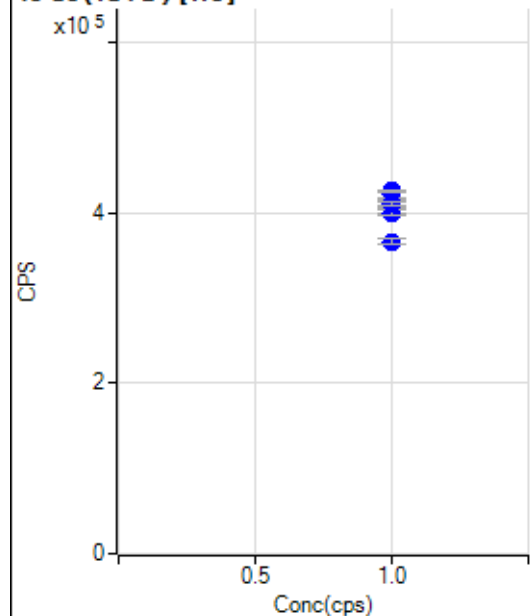
6 Li (ISTD) [No Gas]



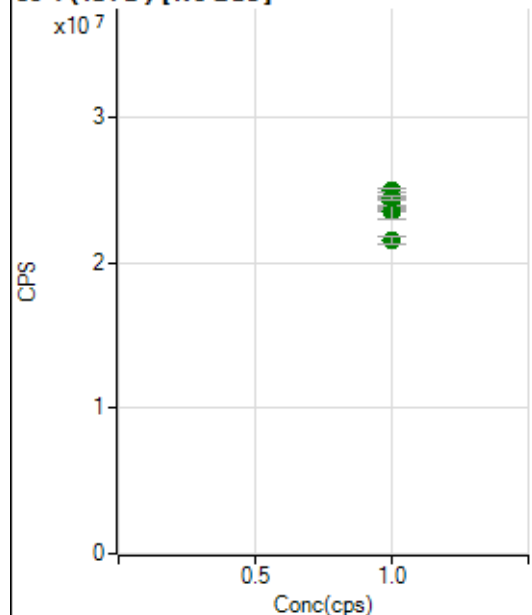
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5444679.05 |       | A        | 1.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 5361673.11 |       | A        | 0.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 5554005.40 |       | A        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5363901.14 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5055541.98 |       | A        | 2.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4933373.71 |       | A        | 3.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4901031.94 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4370965.94 |       | A        | 0.5 |

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

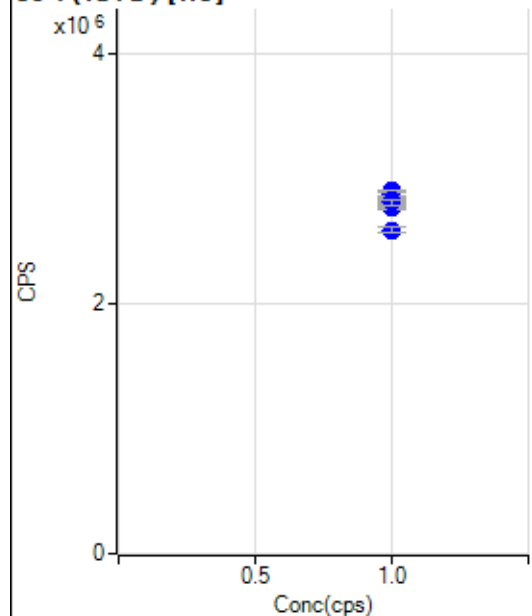
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11454134.97 |       | A        | 2.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 11103942.33 |       | A        | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 11664026.21 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11168524.69 |       | A        | 1.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 11043199.56 |       | A        | 1.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10753862.20 |       | A        | 4.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 11181194.42 |       | A        | 1.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9785473.74  |       | A        | 2.6 |

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

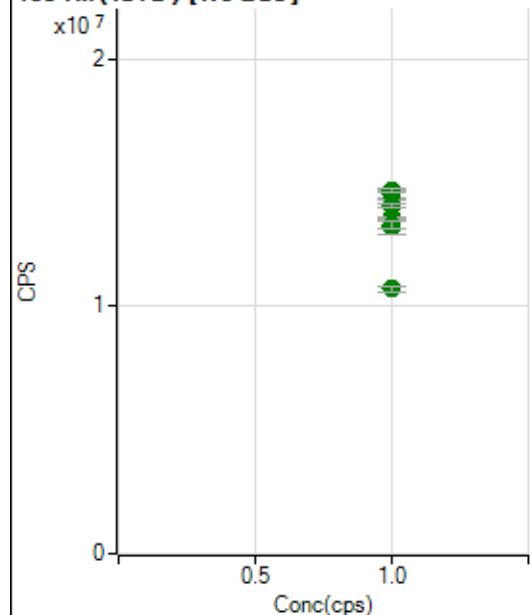
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 416297.66 |       | P        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 421584.24 |       | P        | 1.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 425392.57 |       | P        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 412277.86 |       | P        | 2.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 402957.34 |       | P        | 1.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 399690.19 |       | P        | 1.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 409917.85 |       | P        | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 366116.34 |       | P        | 2.1 |

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

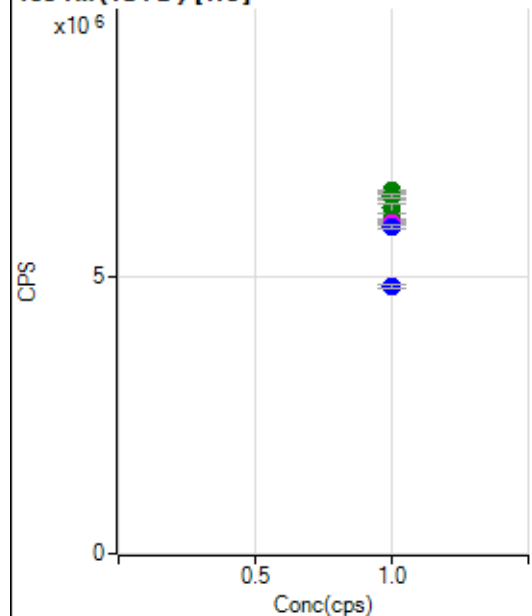
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 24156237.42 |       | A        | 2.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 23598762.43 |       | A        | 0.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 24944471.02 |       | A        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 24153427.97 |       | A        | 1.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 23754552.70 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 23484213.82 |       | A        | 3.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 24426832.97 |       | A        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 21588750.09 |       | A        | 2.5 |

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

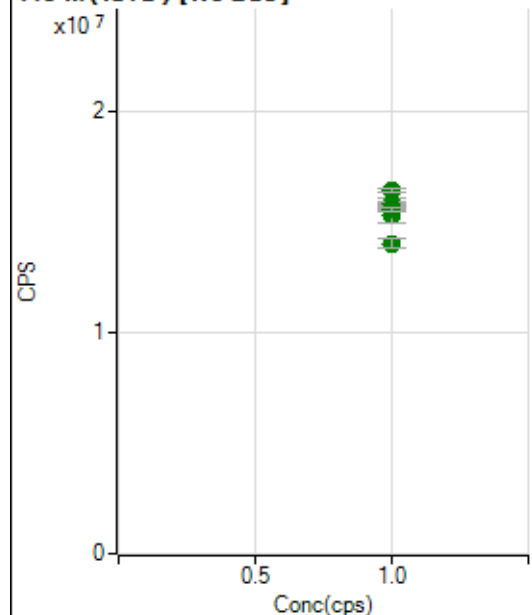
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2831681.66 |       | P        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2880442.28 |       | P        | 1.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2903389.19 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2828818.01 |       | P        | 2.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2781263.47 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2762433.12 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2810027.67 |       | P        | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2588322.32 |       | P        | 1.6 |

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

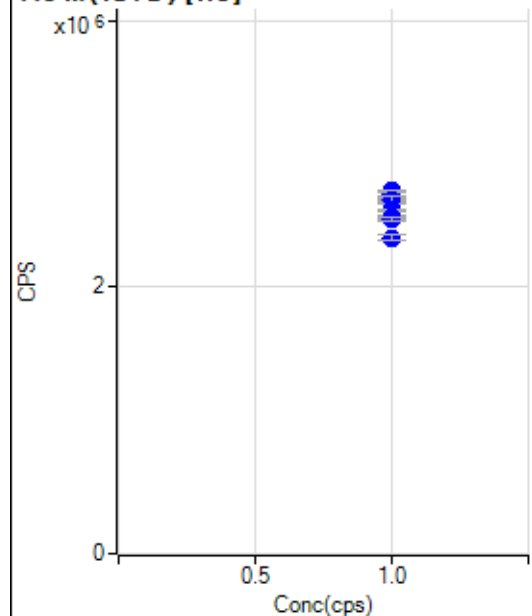
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 14522854.51 |       | A        | 2.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 14311038.95 |       | A        | 0.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 14676051.72 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 14101938.12 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 13600871.60 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 13218134.94 |       | A        | 4.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 13299975.50 |       | A        | 2.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10720601.78 |       | A        | 2.4 |

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

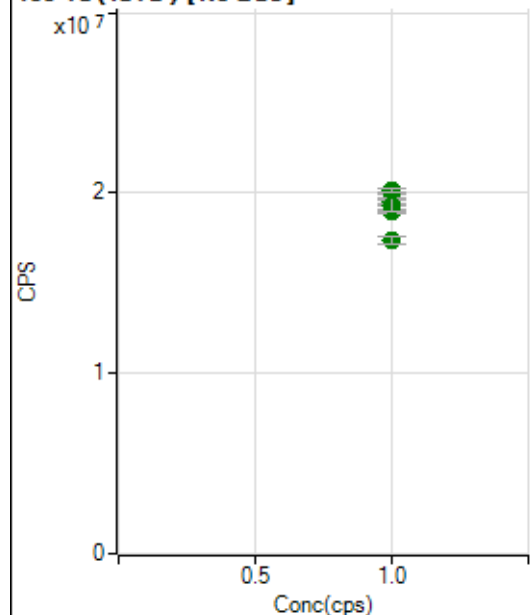
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6571910.66 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 6495775.32 |       | A        | 2.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6470389.83 |       | A        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6254291.16 |       | A        | 2.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6048363.45 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5978889.35 |       | M        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5931619.56 |       | P        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4834044.44 |       | P        | 1.8 |

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

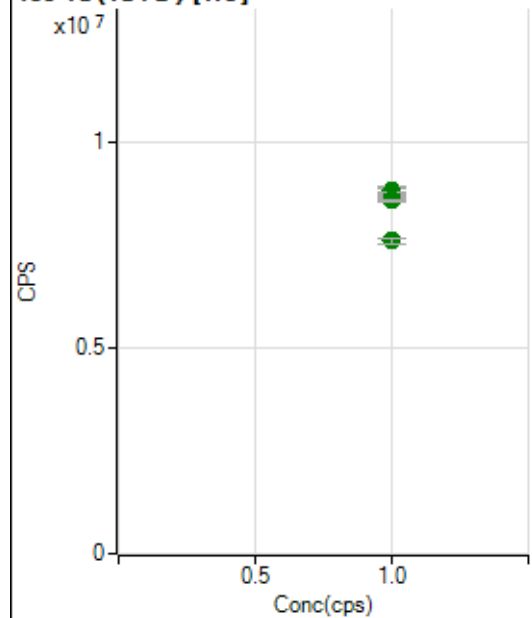
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 15893502.59 |       | A        | 2.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 15722691.42 |       | A        | 1.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 16400962.37 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 15797767.72 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 15613988.21 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 15340448.06 |       | A        | 4.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 15557943.84 |       | A        | 1.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 14035543.85 |       | A        | 2.9 |

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

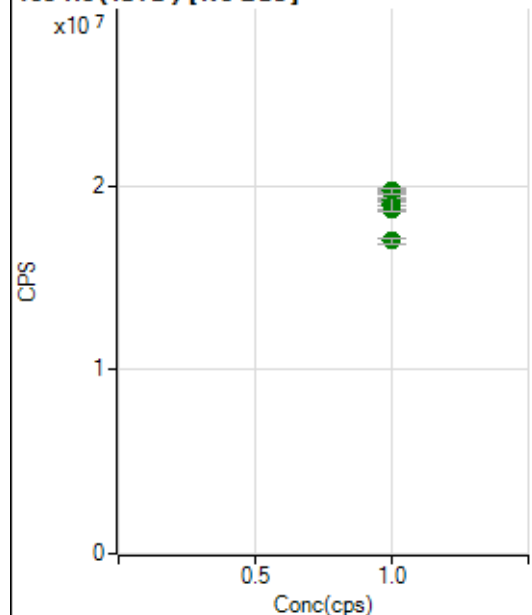
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2647963.19 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2705003.85 |       | P        | 2.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2723402.07 |       | P        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2653828.78 |       | P        | 2.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2576652.59 |       | P        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2527593.37 |       | P        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2511293.47 |       | P        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2372879.84 |       | P        | 1.9 |

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

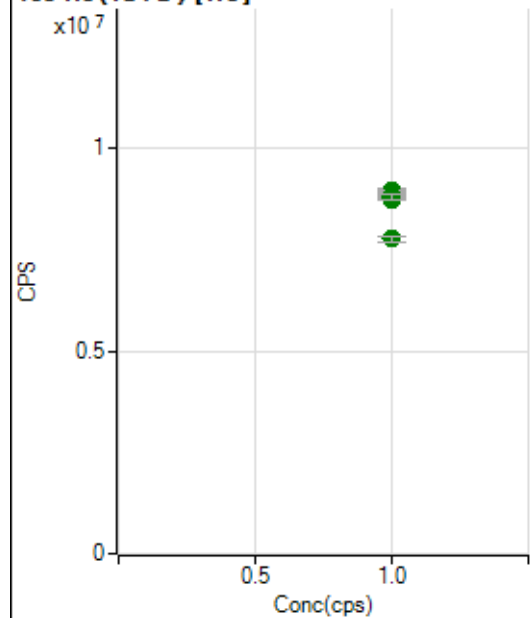
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 19485263.74 |       | A        | 2.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 18972737.36 |       | A        | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 20032532.76 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 19721103.46 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 19504466.10 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 19311415.68 |       | A        | 3.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 20111144.70 |       | A        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 17364113.21 |       | A        | 2.3 |

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

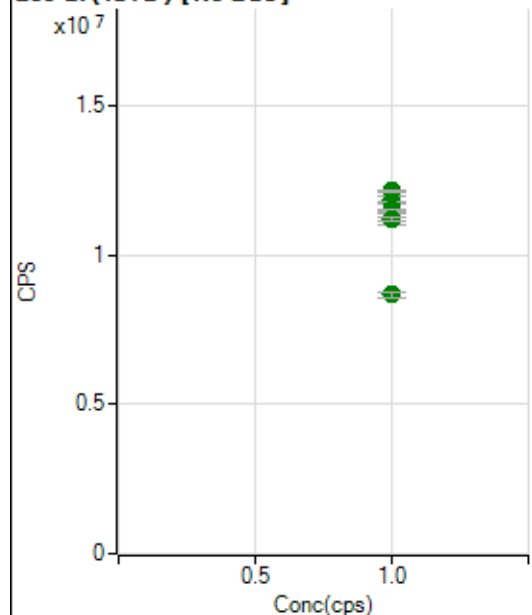
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8640637.02 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 8711245.29 |       | A        | 1.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 8799098.90 |       | A        | 1.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8796711.39 |       | A        | 2.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8749941.74 |       | A        | 0.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8566846.33 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8567907.16 |       | A        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7585230.02 |       | A        | 1.7 |

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

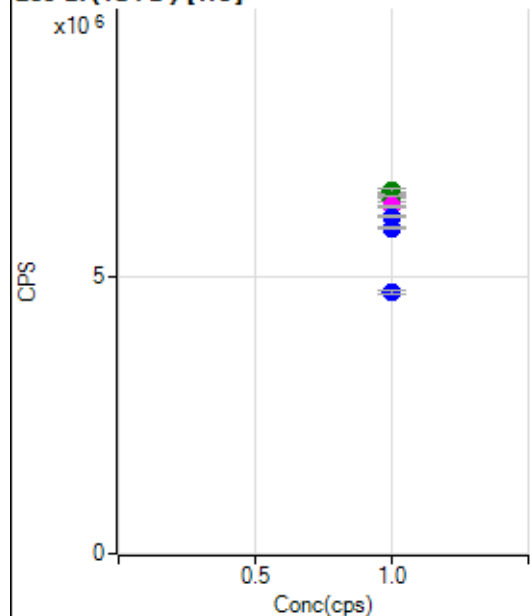
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 18951766.94 |       | A        | 2.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 18689057.92 |       | A        | 0.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 19718787.07 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 19265185.82 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 19038161.94 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 18977808.47 |       | A        | 4.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 19737921.93 |       | A        | 1.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 17012191.97 |       | A        | 1.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8746969.66 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 8868759.94 |       | A        | 2.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 8956106.19 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8891827.51 |       | A        | 2.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8821923.06 |       | A        | 1.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8759556.61 |       | A        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8815620.28 |       | A        | 1.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7768261.41 |       | A        | 1.9 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11846523.30 |       | A        | 2.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 11722553.58 |       | A        | 0.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 12135621.48 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11789361.07 |       | A        | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 11491257.61 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11199261.78 |       | A        | 3.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 11208806.36 |       | A        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8658935.29  |       | A        | 2.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6512355.67 |       | A        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 6534852.47 |       | A        | 2.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6572231.50 |       | A        | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6418005.04 |       | A        | 1.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6293608.24 |       | M        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6105070.95 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5903399.57 |       | P        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4727573.68 |       | P        | 1.2 |