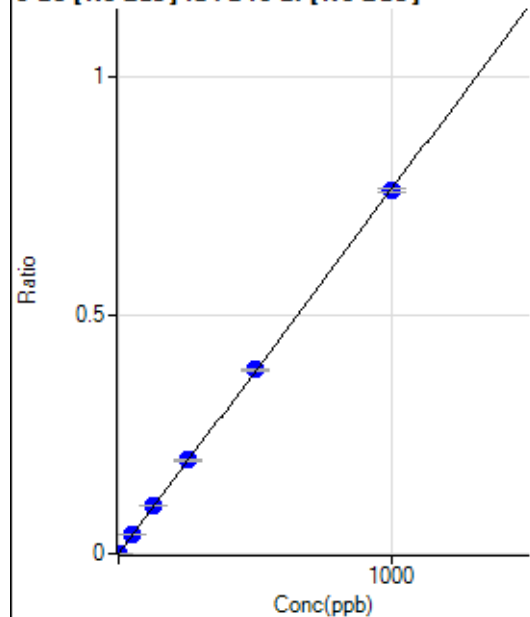


# Calibration for 011CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102224-MS2.b\  
 Analysis File: P7102224-MS2.batch.bin  
 DA Date-Time: 2024-10-22 18:35:30  
 Calibration Title:  
 Calibration Method: External Calibration  
 VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 004CALB.d          | S00         | 2024-10-22 17:14:05 |
| 2     | 005CALS.d          | S02         | 2024-10-22 17:17:28 |
| 3     | 006CALS.d          | S03         | 2024-10-22 17:20:54 |
| 4     | 007CALS.d          | S04         | 2024-10-22 17:24:16 |
| 5     | 008CALS.d          | S05         | 2024-10-22 17:27:34 |
| 6     | 009CALS.d          | S06         | 2024-10-22 17:30:43 |
| 7     | 010CALS.d          | S07         | 2024-10-22 17:33:46 |
| 8     | 011CALS.d          | S08         | 2024-10-22 17:36:42 |

**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      | 21.11     | 0.0001 | P   | 18.2 |
| 2 | <input type="checkbox"/> | 1.000    | 0.995      | 327.78    | 0.0008 | P   | 5.2  |
| 3 | <input type="checkbox"/> | 50.000   | 54.110     | 16704.61  | 0.0414 | P   | 1.6  |
| 4 | <input type="checkbox"/> | 125.000  | 130.429    | 40583.92  | 0.0997 | P   | 1.1  |
| 5 | <input type="checkbox"/> | 250.000  | 256.476    | 79615.81  | 0.1961 | P   | 1.7  |
| 6 | <input type="checkbox"/> | 500.000  | 504.187    | 158291.55 | 0.3854 | P   | 0.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 995.404    | 308842.55 | 0.7608 | P   | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 173.34    | 0.0004 | P   | 2.2  |

$$y = 7.6423\text{E-}004 * x + 5.2481\text{E-}005$$

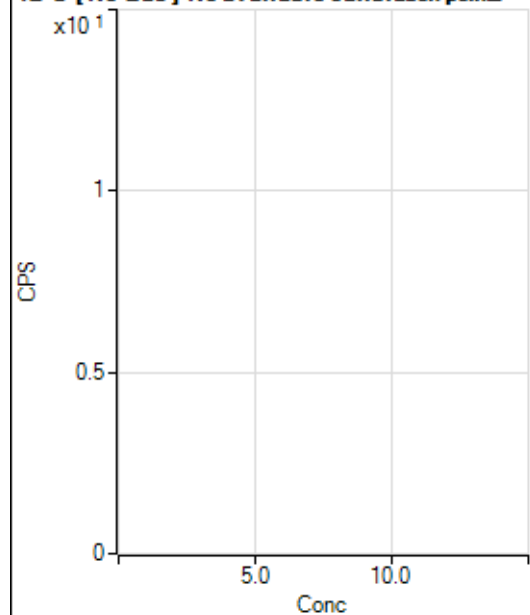
$$R = 1.0000$$

$$DL = 0.03759$$

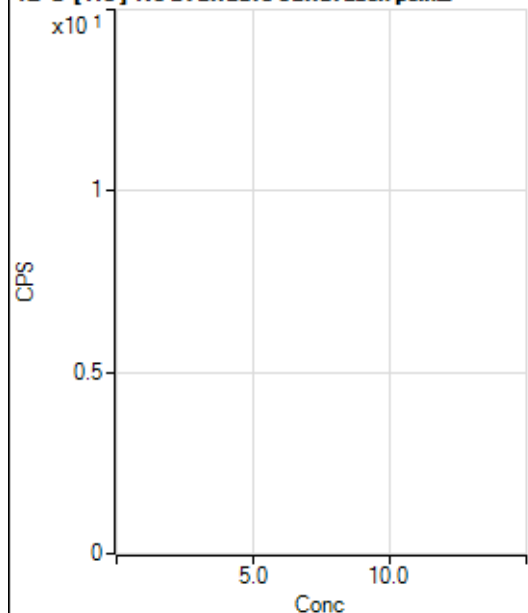
$$BEC = 0.06867$$

Weight: &lt;None&gt;

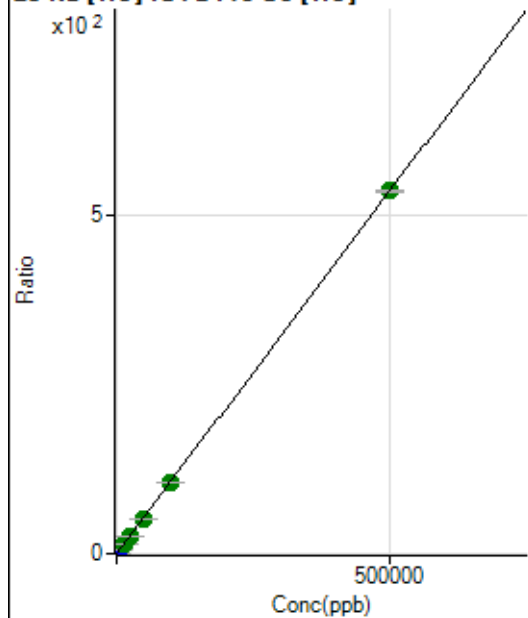
Min Conc: 0

**12 C [No Gas] No available calibration points**

|   | R <sub>j</sub><br>ct     | Conc. | Calc Conc. | CPS | Ratio | Det | RSD |
|---|--------------------------|-------|------------|-----|-------|-----|-----|
| 1 | <input type="checkbox"/> |       |            |     |       |     |     |
| 2 | <input type="checkbox"/> |       |            |     |       |     |     |
| 3 | <input type="checkbox"/> |       |            |     |       |     |     |
| 4 | <input type="checkbox"/> |       |            |     |       |     |     |
| 5 | <input type="checkbox"/> |       |            |     |       |     |     |
| 6 | <input type="checkbox"/> |       |            |     |       |     |     |
| 7 | <input type="checkbox"/> |       |            |     |       |     |     |
| 8 | <input type="checkbox"/> |       |            |     |       |     |     |

**12 C [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            |     |       |          |     |
| 2 | <input type="checkbox"/> |       |            |     |       |          |     |
| 3 | <input type="checkbox"/> |       |            |     |       |          |     |
| 4 | <input type="checkbox"/> |       |            |     |       |          |     |
| 5 | <input type="checkbox"/> |       |            |     |       |          |     |
| 6 | <input type="checkbox"/> |       |            |     |       |          |     |
| 7 | <input type="checkbox"/> |       |            |     |       |          |     |
| 8 | <input type="checkbox"/> |       |            |     |       |          |     |

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 2919.19     | 0.0292   | P        | 6.1 |
| 2 | <input type="checkbox"/> | 500.000   | 489.748    | 55215.05    | 0.5523   | P        | 0.6 |
| 3 | <input type="checkbox"/> | 5000.000  | 5150.297   | 559632.40   | 5.5310   | P        | 0.9 |
| 4 | <input type="checkbox"/> | 12500.000 | 12090.892  | 1295263.31  | 12.9454  | A        | 0.9 |
| 5 | <input type="checkbox"/> | 25000.000 | 24010.028  | 2557848.44  | 25.6781  | A        | 1.2 |
| 6 | <input type="checkbox"/> | 50000.000 | 49001.750  | 5162416.45  | 52.3757  | A        | 0.1 |
| 7 | <input type="checkbox"/> | 100000.00 | 97645.357  | 10374132.69 | 104.3396 | A        | 0.3 |
| 8 | <input type="checkbox"/> | 500000.00 | 500628.98  | 52090798.67 | 534.8299 | A        | 0.8 |

$$y = 0.0011 * x + 0.0292$$

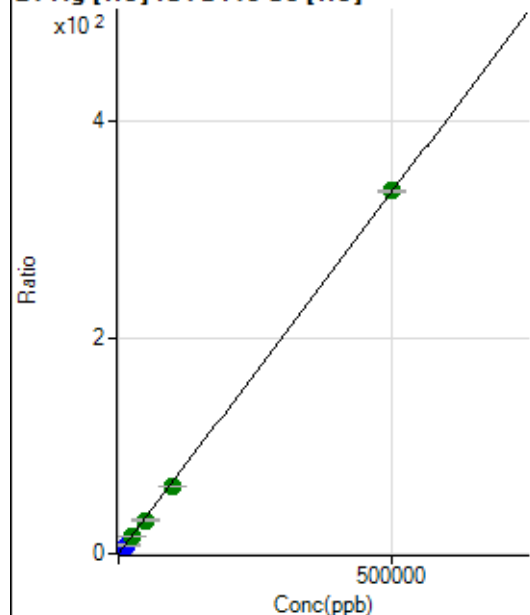
$$R = 1.0000$$

$$DL = 4.979$$

$$BEC = 27.3$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 801.14      | 0.0080   | P        | 3.8 |
| 2 | <input type="checkbox"/> | 500.000   | 511.263    | 34971.95    | 0.3498   | P        | 0.5 |
| 3 | <input type="checkbox"/> | 5000.000  | 4909.679   | 332958.94   | 3.2907   | P        | 0.7 |
| 4 | <input type="checkbox"/> | 12500.000 | 11937.533  | 799413.30   | 7.9897   | P        | 0.5 |
| 5 | <input type="checkbox"/> | 25000.000 | 23210.258  | 1546712.42  | 15.5268  | A        | 0.6 |
| 6 | <input type="checkbox"/> | 50000.000 | 46473.134  | 3063485.68  | 31.0809  | A        | 1.3 |
| 7 | <input type="checkbox"/> | 100000.00 | 92927.147  | 6178416.16  | 62.1409  | A        | 0.7 |
| 8 | <input type="checkbox"/> | 500000.00 | 501871.69  | 32683584.51 | 335.5693 | A        | 0.4 |

$$y = 6.6862E-004 * x + 0.0080$$

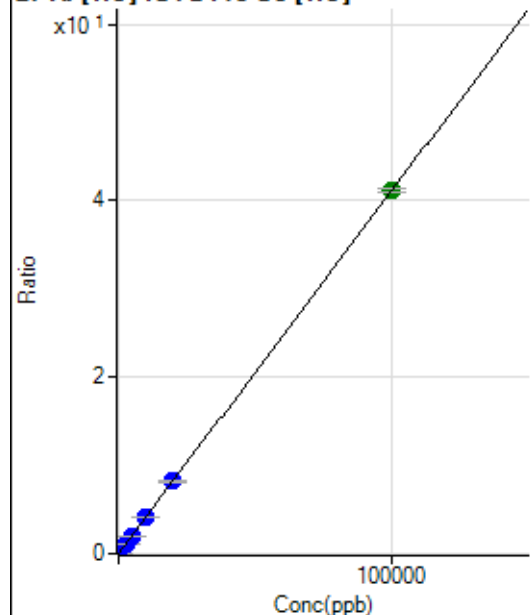
$$R = 0.9999$$

$$DL = 1.377$$

$$BEC = 11.97$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 78.89      | 0.0008  | P        | 21.3 |
| 2 | <input type="checkbox"/> | 20.000    | 20.722     | 930.04     | 0.0093  | P        | 13.0 |
| 3 | <input type="checkbox"/> | 1000.000  | 1591.439   | 66240.87   | 0.6547  | P        | 0.3  |
| 4 | <input type="checkbox"/> | 2500.000  | 2498.427   | 102791.86  | 1.0273  | P        | 0.0  |
| 5 | <input type="checkbox"/> | 5000.000  | 4955.610   | 202901.63  | 2.0369  | P        | 1.1  |
| 6 | <input type="checkbox"/> | 10000.000 | 10011.119  | 405503.31  | 4.1141  | P        | 0.4  |
| 7 | <input type="checkbox"/> | 20000.000 | 19900.104  | 813023.96  | 8.1772  | P        | 0.4  |
| 8 | <input type="checkbox"/> | 100000.00 | 100015.21  | 4002430.04 | 41.0941 | A        | 1.0  |

$$y = 4.1087E-004 * x + 7.8817E-004$$

$$R = 1.0000$$

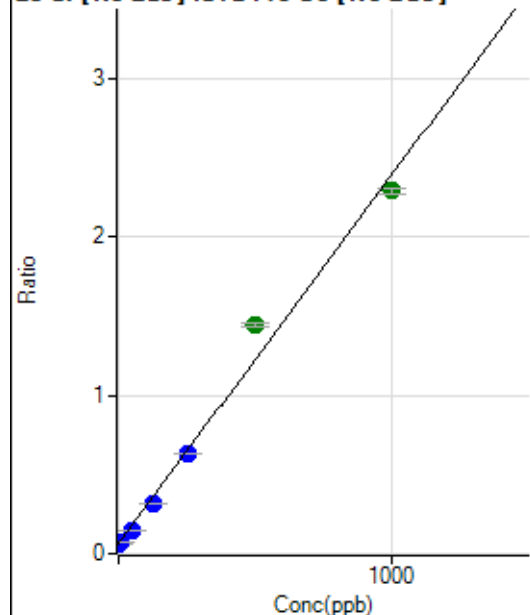
$$DL = 1.224$$

$$BEC = 1.918$$

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      | 80006.05   | 0.0638 | P   | 1.0 |
| 2 | <input type="checkbox"/> | 10.000   | 1.522      | 85010.40   | 0.0674 | P   | 0.3 |
| 3 | <input type="checkbox"/> | 50.000   | 35.788     | 184919.73  | 0.1471 | P   | 1.1 |
| 4 | <input type="checkbox"/> | 125.000  | 108.378    | 395911.57  | 0.3160 | P   | 0.6 |
| 5 | <input type="checkbox"/> | 250.000  | 244.278    | 788268.00  | 0.6322 | P   | 1.4 |
| 6 | <input type="checkbox"/> | 500.000  | 593.366    | 1768485.34 | 1.4444 | A   | 1.4 |
| 7 | <input type="checkbox"/> | 1000.000 | 957.621    | 2754644.47 | 2.2919 | A   | 1.4 |
| 8 | <input type="checkbox"/> |          |            | 91859.39   | 0.0785 | P   | 0.6 |

$$y = 0.0023 * x + 0.0638$$

$$R = 0.9931$$

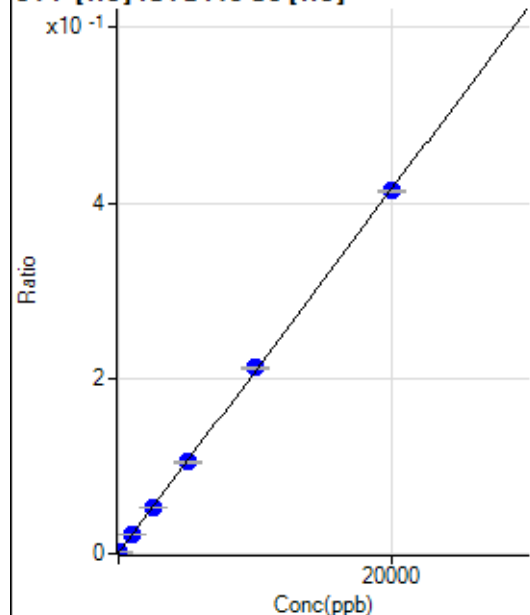
$$DL = 0.8009$$

$$BEC = 27.43$$

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     | -23.874    | 34.44    | 0.0003 | P   | 14.8 |
| 2 | <input type="checkbox"/> | 0.000     | 23.874     | 133.33   | 0.0013 | P   | 32.7 |
| 3 | <input type="checkbox"/> | 1000.000  | 1019.641   | 2223.52  | 0.0220 | P   | 5.7  |
| 4 | <input type="checkbox"/> | 2500.000  | 2502.846   | 5274.29  | 0.0527 | P   | 2.1  |
| 5 | <input type="checkbox"/> | 5000.000  | 5009.399   | 10426.95 | 0.1047 | P   | 1.8  |
| 6 | <input type="checkbox"/> | 10000.000 | 10169.532  | 20858.71 | 0.2116 | P   | 0.6  |
| 7 | <input type="checkbox"/> | 20000.000 | 19911.546  | 41117.33 | 0.4135 | P   | 0.8  |
| 8 | <input type="checkbox"/> |           |            | 60.00    | 0.0006 | P   | 34.0 |

$$y = 2.0727E-005 * x + 8.3895E-004$$

$$R = 0.9999$$

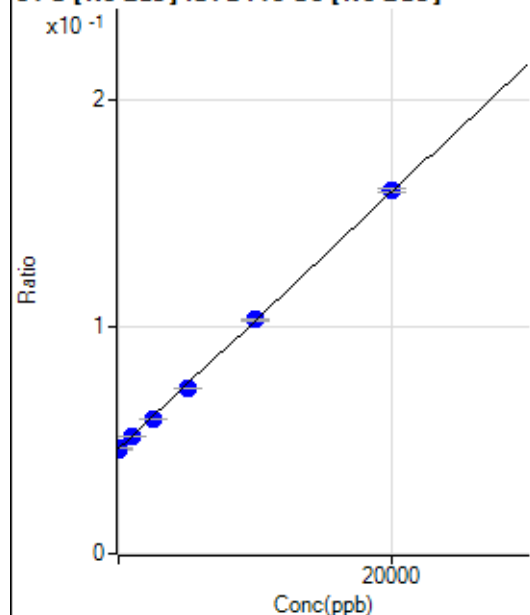
$$DL = 35.26$$

$$BEC = 40.48$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | -22.950    | 57780.99  | 0.0461 | P   | 1.0 |
| 2 | <input type="checkbox"/> | 0.000     | 22.950     | 58493.59  | 0.0464 | P   | 0.9 |
| 3 | <input type="checkbox"/> | 1000.000  | 982.544    | 65096.73  | 0.0518 | P   | 0.3 |
| 4 | <input type="checkbox"/> | 2500.000  | 2299.634   | 74206.59  | 0.0592 | P   | 0.6 |
| 5 | <input type="checkbox"/> | 5000.000  | 4681.488   | 90644.22  | 0.0727 | P   | 0.2 |
| 6 | <input type="checkbox"/> | 10000.000 | 10058.880  | 126226.04 | 0.1031 | P   | 0.9 |
| 7 | <input type="checkbox"/> | 20000.000 | 20076.107  | 191978.33 | 0.1597 | P   | 1.1 |
| 8 | <input type="checkbox"/> |           |            | 53695.13  | 0.0459 | P   | 0.1 |

$$y = 5.6535E-006 * x + 0.0462$$

R = 0.9998

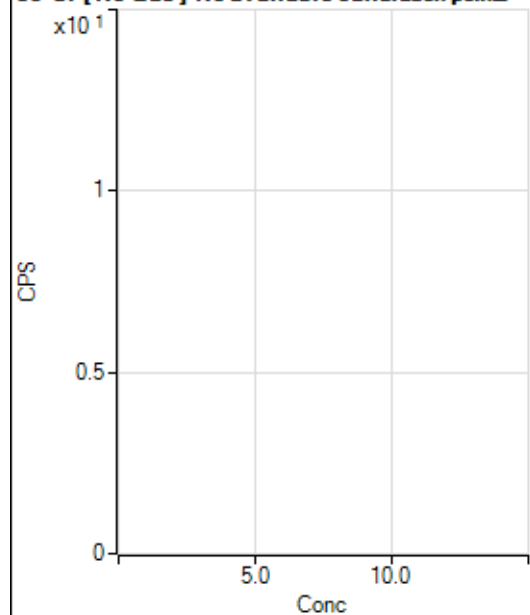
DL = 228.8

BEC = 8177

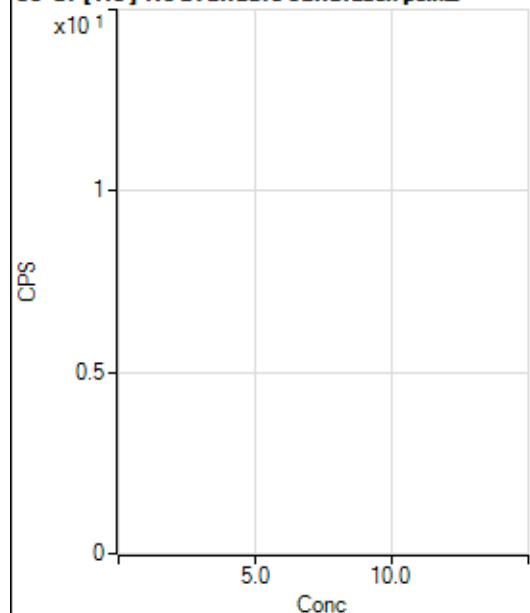
Weight: &lt;None&gt;

Min Conc: 0

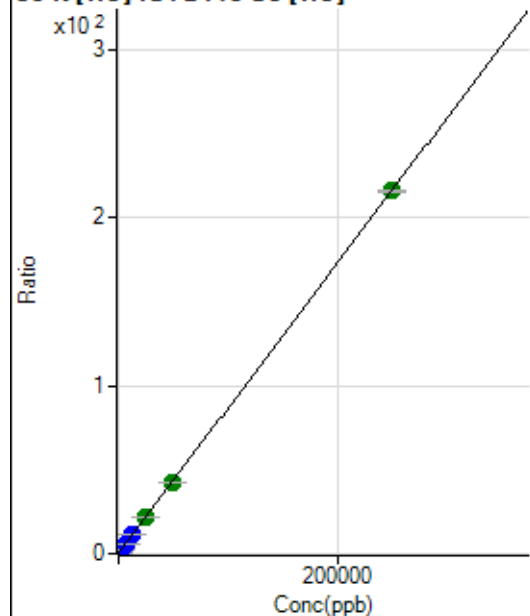
35 Cl [No Gas] No available calibration points



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS | Ratio | Det | RSD |
|---|--------------------------|-------|------------|-----|-------|-----|-----|
| 1 | <input type="checkbox"/> |       |            |     |       |     |     |
| 2 | <input type="checkbox"/> |       |            |     |       |     |     |
| 3 | <input type="checkbox"/> |       |            |     |       |     |     |
| 4 | <input type="checkbox"/> |       |            |     |       |     |     |
| 5 | <input type="checkbox"/> |       |            |     |       |     |     |
| 6 | <input type="checkbox"/> |       |            |     |       |     |     |
| 7 | <input type="checkbox"/> |       |            |     |       |     |     |
| 8 | <input type="checkbox"/> |       |            |     |       |     |     |

**35 Cl [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            |     |       |          |     |
| 2 | <input type="checkbox"/> |       |            |     |       |          |     |
| 3 | <input type="checkbox"/> |       |            |     |       |          |     |
| 4 | <input type="checkbox"/> |       |            |     |       |          |     |
| 5 | <input type="checkbox"/> |       |            |     |       |          |     |
| 6 | <input type="checkbox"/> |       |            |     |       |          |     |
| 7 | <input type="checkbox"/> |       |            |     |       |          |     |
| 8 | <input type="checkbox"/> |       |            |     |       |          |     |

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 19855.23    | 0.1984   | P        | 1.0 |
| 2 | <input type="checkbox"/> | 500.000   | 530.109    | 65494.31    | 0.6552   | P        | 0.8 |
| 3 | <input type="checkbox"/> | 2500.000  | 2707.042   | 256103.10   | 2.5311   | P        | 0.5 |
| 4 | <input type="checkbox"/> | 6250.000  | 6631.765   | 591642.93   | 5.9131   | P        | 0.3 |
| 5 | <input type="checkbox"/> | 12500.000 | 13253.748  | 1157445.75  | 11.6194  | P        | 0.7 |
| 6 | <input type="checkbox"/> | 25000.000 | 25158.266  | 2156379.65  | 21.8777  | A        | 0.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 49081.512  | 4225006.33  | 42.4928  | A        | 0.5 |
| 8 | <input type="checkbox"/> | 250000.00 | 250118.50  | 21011413.71 | 215.7299 | A        | 0.9 |

$$y = 8.6172E-004 * x + 0.1984$$

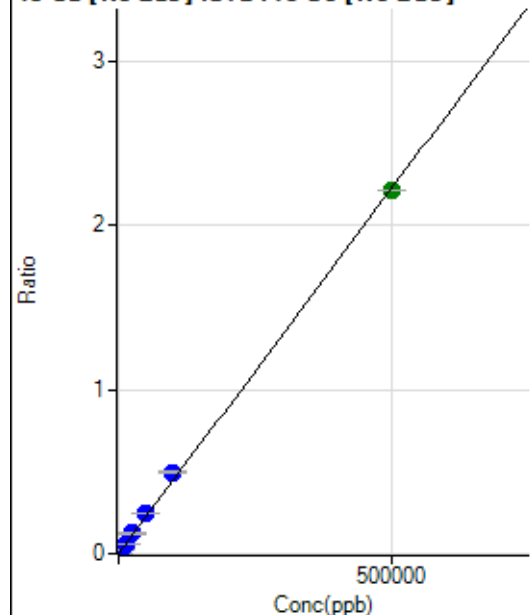
$$R = 1.0000$$

$$DL = 6.901$$

$$BEC = 230.2$$

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      | 127.78     | 0.0001 | P    | 10.9 |
| 2 | <input type="checkbox"/> | 500.000   | 506.943    | 2972.55    | 0.0024 | P    | 0.8  |
| 3 | <input type="checkbox"/> | 5000.000  | 5677.263   | 31859.01   | 0.0253 | P    | 0.4  |
| 4 | <input type="checkbox"/> | 12500.000 | 13915.157  | 77638.22   | 0.0620 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 25000.000 | 27754.464  | 153986.23  | 0.1235 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 50000.000 | 55862.792  | 304203.37  | 0.2485 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 100000.00 | 111761.56  | 597326.95  | 0.4970 | P    | 1.2  |
| 8 | <input type="checkbox"/> | 500000.00 | 496881.52  | 2584733.26 | 2.2092 | A    | 0.2  |

$$y = 4.4459\text{E-}006 * x + 1.0197\text{E-}004$$

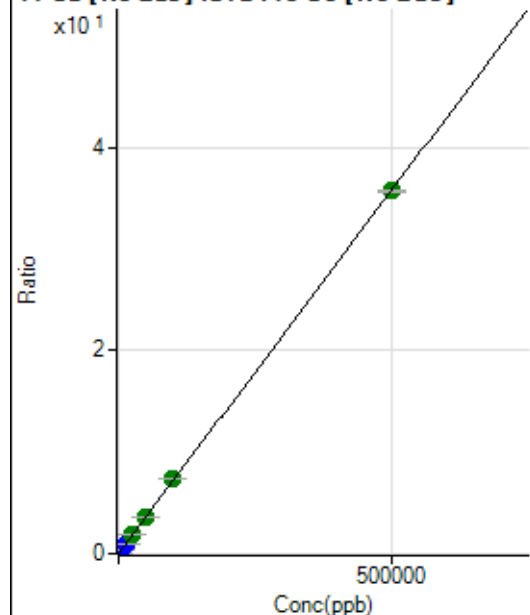
$$R = 0.9997$$

$$DL = 7.521$$

$$BEC = 22.94$$

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      | 2141.31     | 0.0017  | P    | 5.8 |
| 2 | <input type="checkbox"/> | 500.000   | 522.678    | 49355.50    | 0.0391  | P    | 0.6 |
| 3 | <input type="checkbox"/> | 5000.000  | 5586.510   | 504755.77   | 0.4015  | P    | 0.6 |
| 4 | <input type="checkbox"/> | 12500.000 | 13502.826  | 1212892.02  | 0.9681  | P    | 0.6 |
| 5 | <input type="checkbox"/> | 25000.000 | 25321.254  | 2261698.44  | 1.8139  | A    | 1.0 |
| 6 | <input type="checkbox"/> | 50000.000 | 51114.694  | 4480864.69  | 3.6598  | A    | 0.6 |
| 7 | <input type="checkbox"/> | 100000.00 | 102671.53  | 8833443.90  | 7.3495  | A    | 1.3 |
| 8 | <input type="checkbox"/> | 500000.00 | 499307.20  | 41812610.77 | 35.7352 | A    | 0.6 |

$$y = 7.1566\text{E-}005 * x + 0.0017$$

$$R = 1.0000$$

$$DL = 4.177$$

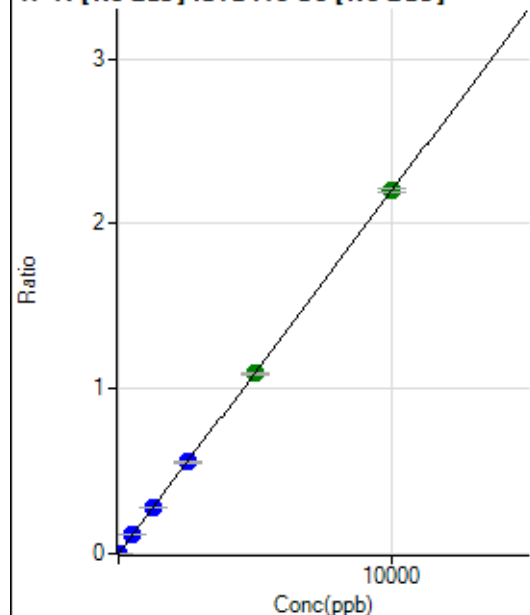
$$BEC = 23.87$$

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      | 25.56      | 0.0000 | P   | 49.8 |
| 2 | <input type="checkbox"/> | 5.000     | 4.821      | 1363.41    | 0.0011 | P   | 4.8  |
| 3 | <input type="checkbox"/> | 500.000   | 520.658    | 143956.47  | 0.1145 | P   | 1.2  |
| 4 | <input type="checkbox"/> | 1250.000  | 1261.569   | 347609.12  | 0.2774 | P   | 0.6  |
| 5 | <input type="checkbox"/> | 2500.000  | 2533.042   | 694564.07  | 0.5570 | P   | 1.3  |
| 6 | <input type="checkbox"/> | 5000.000  | 4971.946   | 1338707.40 | 1.0934 | A   | 0.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 10003.287  | 2643937.70 | 2.1998 | A   | 1.0  |
| 8 | <input type="checkbox"/> |           |            | 730.02     | 0.0006 | P   | 7.6  |

$$y = 2.1990E-004 * x + 2.0416E-005$$

$$R = 1.0000$$

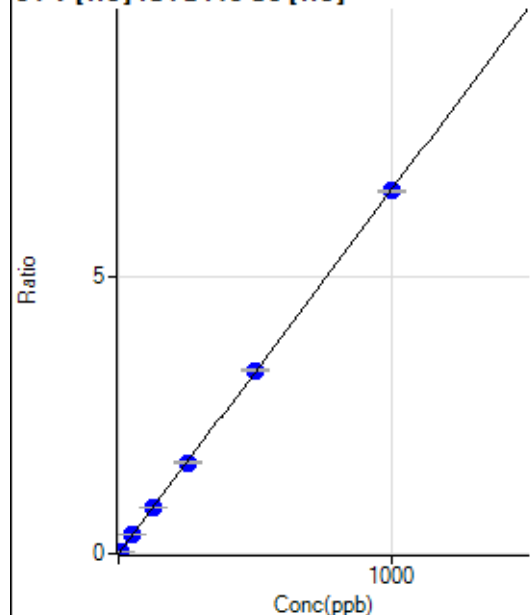
$$DL = 0.1387$$

$$BEC = 0.09284$$

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      | 0.00      | 0.0000 | P   |      |
| 2 | <input type="checkbox"/> | 5.000    | 5.148      | 3378.19   | 0.0338 | P   | 2.1  |
| 3 | <input type="checkbox"/> | 50.000   | 51.653     | 34306.71  | 0.3391 | P   | 1.0  |
| 4 | <input type="checkbox"/> | 125.000  | 126.972    | 83398.52  | 0.8335 | P   | 0.7  |
| 5 | <input type="checkbox"/> | 250.000  | 250.123    | 163552.06 | 1.6419 | P   | 1.4  |
| 6 | <input type="checkbox"/> | 500.000  | 504.035    | 326115.78 | 3.3086 | P   | 0.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 997.622    | 651110.59 | 6.5487 | P   | 0.4  |
| 8 | <input type="checkbox"/> |          |            | 266.67    | 0.0027 | P   | 26.4 |

$$y = 0.0066 * x + 0.0000E+000$$

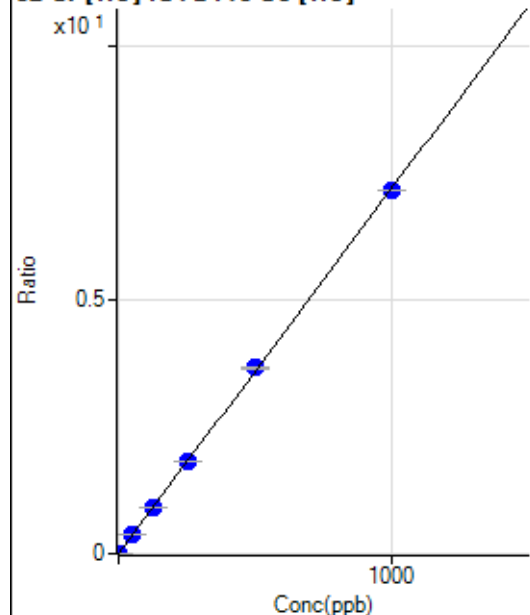
$$R = 1.0000$$

$$DL = 0$$

$$BEC = 0$$

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      | 137.78    | 0.0014 | P   | 5.0 |
| 2 | <input type="checkbox"/> | 2.000    | 2.042      | 1602.32   | 0.0160 | P   | 2.4 |
| 3 | <input type="checkbox"/> | 50.000   | 52.376     | 38162.67  | 0.3772 | P   | 0.7 |
| 4 | <input type="checkbox"/> | 125.000  | 127.312    | 91535.40  | 0.9148 | P   | 0.9 |
| 5 | <input type="checkbox"/> | 250.000  | 254.046    | 181707.71 | 1.8241 | P   | 0.8 |
| 6 | <input type="checkbox"/> | 500.000  | 509.086    | 360158.11 | 3.6540 | P   | 0.8 |
| 7 | <input type="checkbox"/> | 1000.000 | 994.038    | 709264.68 | 7.1335 | P   | 0.1 |
| 8 | <input type="checkbox"/> |          |            | 2436.97   | 0.0250 | P   | 5.6 |

$$y = 0.0072 * x + 0.0014$$

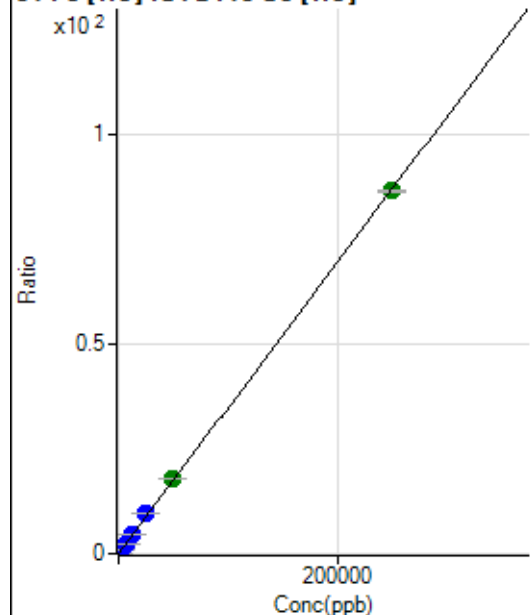
$$R = 0.9999$$

$$DL = 0.02882$$

$$BEC = 0.1919$$

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      | 623.35     | 0.0062  | P   | 12.2 |
| 2 | <input type="checkbox"/> | 50.000    | 55.524     | 2552.46    | 0.0255  | P   | 6.5  |
| 3 | <input type="checkbox"/> | 2500.000  | 2812.559   | 99593.00   | 0.9843  | P   | 1.3  |
| 4 | <input type="checkbox"/> | 6250.000  | 6897.483   | 240618.94  | 2.4049  | P   | 0.7  |
| 5 | <input type="checkbox"/> | 12500.000 | 13675.525  | 474355.70  | 4.7620  | P   | 0.8  |
| 6 | <input type="checkbox"/> | 25000.000 | 27485.070  | 942707.96  | 9.5643  | P   | 0.4  |
| 7 | <input type="checkbox"/> | 50000.000 | 51666.296  | 1787035.15 | 17.9735 | A   | 0.4  |
| 8 | <input type="checkbox"/> | 250000.00 | 249340.14  | 8445856.89 | 86.7157 | A   | 0.8  |

$$y = 3.4776E-004 * x + 0.0062$$

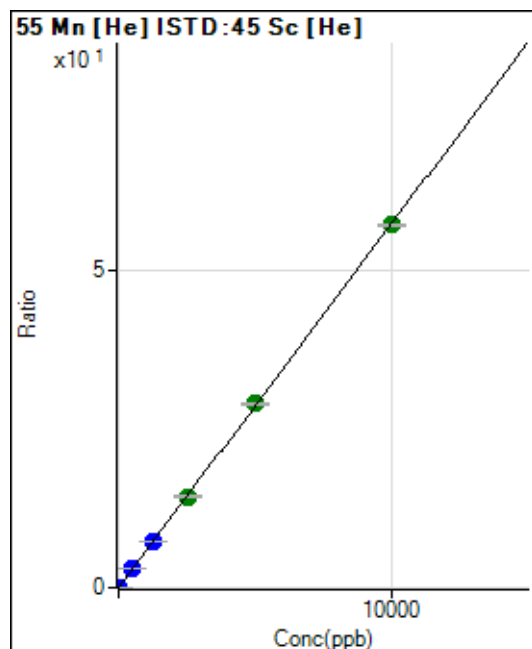
$$R = 0.9999$$

$$DL = 6.567$$

$$BEC = 17.91$$

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      | 210.00     | 0.0021  | P    | 15.6 |
| 2 | <input type="checkbox"/> | 1.000     | 0.997      | 781.14     | 0.0078  | P    | 2.2  |
| 3 | <input type="checkbox"/> | 500.000   | 525.581    | 305078.01  | 3.0152  | P    | 0.7  |
| 4 | <input type="checkbox"/> | 1250.000  | 1286.583   | 738188.75  | 7.3778  | P    | 0.7  |
| 5 | <input type="checkbox"/> | 2500.000  | 2502.217   | 1429114.28 | 14.3468 | A    | 1.5  |
| 6 | <input type="checkbox"/> | 5000.000  | 5050.197   | 2853850.41 | 28.9539 | A    | 0.3  |
| 7 | <input type="checkbox"/> | 10000.000 | 9968.495   | 5682107.07 | 57.1496 | A    | 0.9  |
| 8 | <input type="checkbox"/> |           |            | 3882.76    | 0.0399  | P    | 2.9  |

$$y = 0.0057 * x + 0.0021$$

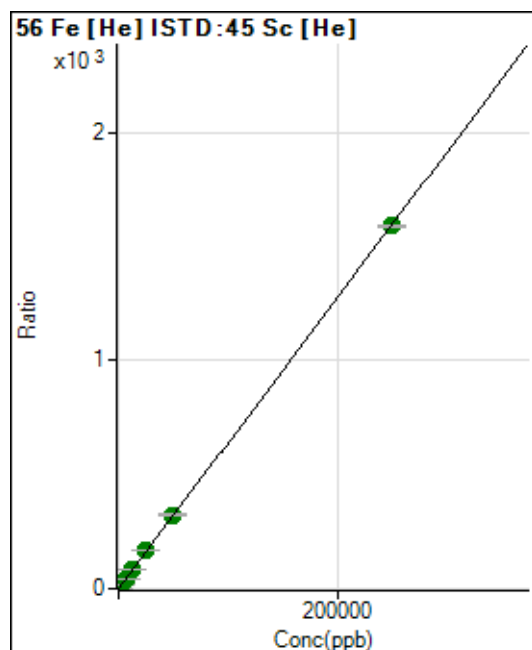
$$R = 1.0000$$

$$DL = 0.1714$$

$$BEC = 0.366$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio     | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 5503.28     | 0.0550    | P    | 1.1 |
| 2 | <input type="checkbox"/> | 50.000    | 55.225     | 40628.07    | 0.4064    | P    | 0.6 |
| 3 | <input type="checkbox"/> | 2500.000  | 2676.069   | 1728721.83  | 17.0849   | A    | 0.4 |
| 4 | <input type="checkbox"/> | 6250.000  | 6509.394   | 4150187.92  | 41.4792   | A    | 0.8 |
| 5 | <input type="checkbox"/> | 12500.000 | 12904.880  | 8186117.10  | 82.1786   | A    | 0.7 |
| 6 | <input type="checkbox"/> | 25000.000 | 25910.259  | 16257510.32 | 164.9418  | A    | 0.4 |
| 7 | <input type="checkbox"/> | 50000.000 | 50888.207  | 32203715.08 | 323.8956  | A    | 0.5 |
| 8 | <input type="checkbox"/> | 250000.00 | 249702.84  | 154774621.0 | 1,589.105 | A    | 0.6 |

$$y = 0.0064 * x + 0.0550$$

$$R = 1.0000$$

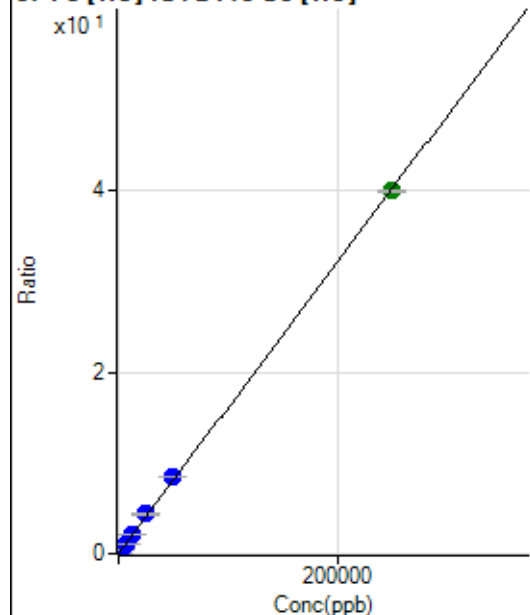
$$DL = 0.2833$$

$$BEC = 8.64$$

Weight: <None>

Min Conc: 0

57 Fe [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      | 520.01     | 0.0052  | P   | 7.0 |
| 2 | <input type="checkbox"/> | 50.000    | 55.060     | 1402.30    | 0.0140  | P   | 1.1 |
| 3 | <input type="checkbox"/> | 2500.000  | 2792.212   | 45848.51   | 0.4531  | P   | 0.3 |
| 4 | <input type="checkbox"/> | 6250.000  | 6835.869   | 110240.07  | 1.1018  | P   | 1.0 |
| 5 | <input type="checkbox"/> | 12500.000 | 13428.484  | 215105.38  | 2.1594  | P   | 0.7 |
| 6 | <input type="checkbox"/> | 25000.000 | 27051.309  | 428244.19  | 4.3448  | P   | 0.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 53155.784  | 848348.42  | 8.5325  | P   | 0.7 |
| 8 | <input type="checkbox"/> | 250000.00 | 249099.71  | 3892622.72 | 39.9659 | A   | 0.6 |

$$y = 1.6042\text{E-}004 * x + 0.0052$$

R = 0.9999

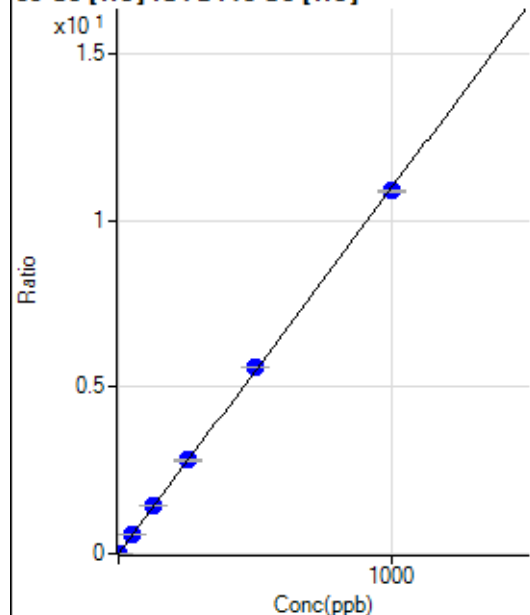
DL = 6.772

BEC = 32.39

Weight: &lt;None&gt;

Min Conc: 0

59 Co [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      | 31.11      | 0.0003  | P   | 27.0 |
| 2 | <input type="checkbox"/> | 1.000    | 1.181      | 1325.63    | 0.0133  | P   | 5.9  |
| 3 | <input type="checkbox"/> | 50.000   | 53.418     | 59278.64   | 0.5859  | P   | 1.5  |
| 4 | <input type="checkbox"/> | 125.000  | 129.966    | 142579.31  | 1.4250  | P   | 0.6  |
| 5 | <input type="checkbox"/> | 250.000  | 256.309    | 279909.85  | 2.8100  | P   | 1.0  |
| 6 | <input type="checkbox"/> | 500.000  | 510.589    | 551706.65  | 5.5974  | P   | 0.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 992.336    | 1081590.77 | 10.8783 | P   | 0.3  |
| 8 | <input type="checkbox"/> |          |            | 2950.32    | 0.0303  | P   | 3.4  |

$$y = 0.0110 * x + 3.1083\text{E-}004$$

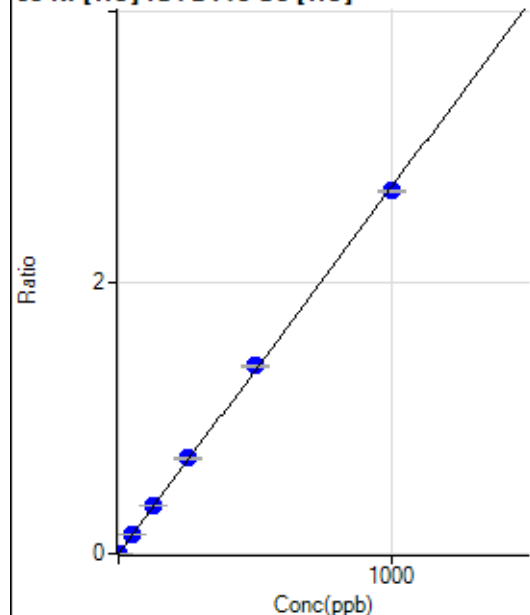
R = 0.9999

DL = 0.02297

BEC = 0.02836

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 108.89    | 0.0011 | P        | 17.4 |
| 2 | <input type="checkbox"/> | 1.000    | 1.018      | 383.34    | 0.0038 | P        | 6.8  |
| 3 | <input type="checkbox"/> | 50.000   | 54.457     | 14979.78  | 0.1480 | P        | 0.1  |
| 4 | <input type="checkbox"/> | 125.000  | 132.219    | 35809.34  | 0.3579 | P        | 0.6  |
| 5 | <input type="checkbox"/> | 250.000  | 260.476    | 70129.53  | 0.7040 | P        | 1.0  |
| 6 | <input type="checkbox"/> | 500.000  | 512.723    | 136486.09 | 1.3847 | P        | 1.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 989.894    | 265711.97 | 2.6724 | P        | 0.4  |
| 8 | <input type="checkbox"/> |          |            | 1385.64   | 0.0142 | P        | 3.4  |

$$y = 0.0027 * x + 0.0011$$

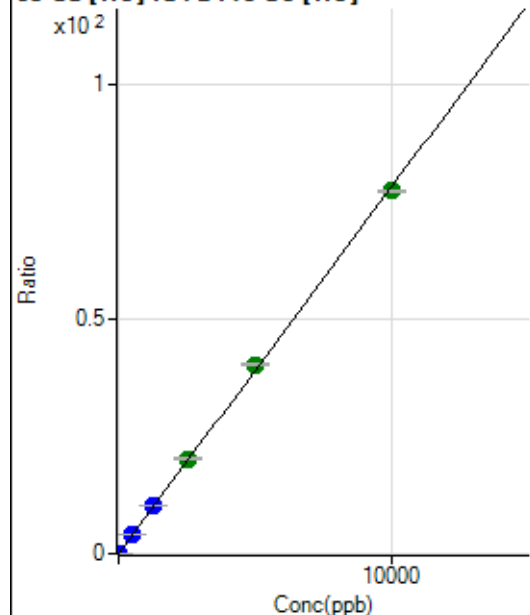
$$R = 0.9998$$

$$DL = 0.2105$$

$$BEC = 0.4031$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD |
|---|--------------------------|-----------|------------|------------|---------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 370.01     | 0.0037  | P        | 7.4 |
| 2 | <input type="checkbox"/> | 2.000     | 2.042      | 1964.59    | 0.0197  | P        | 1.3 |
| 3 | <input type="checkbox"/> | 500.000   | 541.113    | 428105.23  | 4.2310  | P        | 0.2 |
| 4 | <input type="checkbox"/> | 1250.000  | 1308.794   | 1023396.77 | 10.2283 | P        | 0.6 |
| 5 | <input type="checkbox"/> | 2500.000  | 2589.766   | 2015715.99 | 20.2355 | A        | 1.3 |
| 6 | <input type="checkbox"/> | 5000.000  | 5147.562   | 3964047.09 | 40.2176 | A        | 1.2 |
| 7 | <input type="checkbox"/> | 10000.000 | 9894.373   | 7685894.68 | 77.3007 | A        | 0.4 |
| 8 | <input type="checkbox"/> |           |            | 3083.68    | 0.0317  | P        | 2.4 |

$$y = 0.0078 * x + 0.0037$$

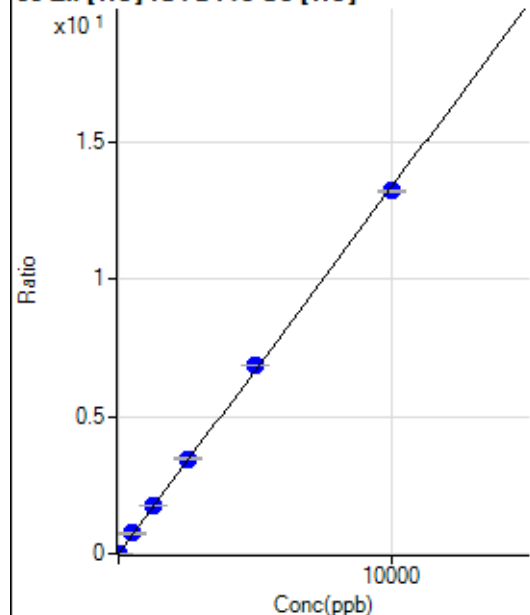
$$R = 0.9998$$

$$DL = 0.1045$$

$$BEC = 0.4732$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD |
|---|--------------------------|-----------|------------|------------|---------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 271.12     | 0.0027  | P        | 1.4 |
| 2 | <input type="checkbox"/> | 2.000     | 5.262      | 972.26     | 0.0097  | P        | 4.4 |
| 3 | <input type="checkbox"/> | 500.000   | 549.099    | 74371.65   | 0.7350  | P        | 0.8 |
| 4 | <input type="checkbox"/> | 1250.000  | 1302.476   | 174075.05  | 1.7398  | P        | 0.6 |
| 5 | <input type="checkbox"/> | 2500.000  | 2594.998   | 345017.22  | 3.4636  | P        | 0.7 |
| 6 | <input type="checkbox"/> | 5000.000  | 5139.128   | 675818.45  | 6.8566  | P        | 0.3 |
| 7 | <input type="checkbox"/> | 10000.000 | 9897.671   | 1312713.91 | 13.2029 | P        | 0.3 |
| 8 | <input type="checkbox"/> |           |            | 1574.54    | 0.0162  | P        | 2.9 |

$$y = 0.0013 * x + 0.0027$$

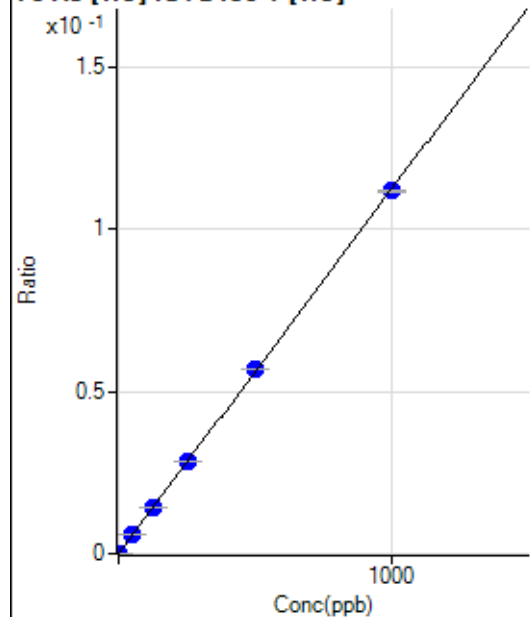
$$R = 0.9998$$

$$DL = 0.08449$$

$$BEC = 2.031$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS      | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3.33     | 0.0000 | P        | 173. |
| 2 | <input type="checkbox"/> | 1.000    | 1.072      | 111.11   | 0.0001 | P        | 24.2 |
| 3 | <input type="checkbox"/> | 50.000   | 52.371     | 5276.54  | 0.0059 | P        | 3.6  |
| 4 | <input type="checkbox"/> | 125.000  | 128.427    | 12954.63 | 0.0144 | P        | 1.1  |
| 5 | <input type="checkbox"/> | 250.000  | 253.544    | 25395.14 | 0.0285 | P        | 0.7  |
| 6 | <input type="checkbox"/> | 500.000  | 505.416    | 50237.96 | 0.0567 | P        | 0.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 995.859    | 98713.95 | 0.1117 | P        | 0.5  |
| 8 | <input type="checkbox"/> |          |            | 71.11    | 0.0001 | P        | 11.8 |

$$y = 1.1220E-004 * x + 3.7432E-006$$

$$R = 1.0000$$

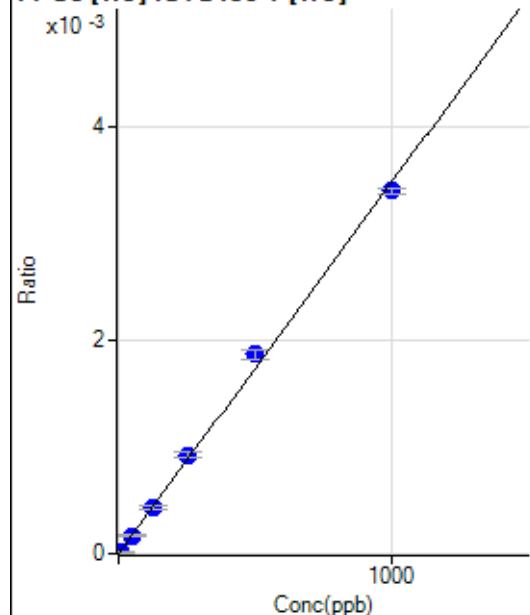
$$DL = 0.1734$$

$$BEC = 0.03336$$

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    | 3.561      | 11.11   | 0.0000 | P    | 75.4 |
| 3 | <input type="checkbox"/> | 50.000   | 48.020     | 150.00  | 0.0002 | P    | 8.6  |
| 4 | <input type="checkbox"/> | 125.000  | 125.304    | 392.23  | 0.0004 | P    | 7.4  |
| 5 | <input type="checkbox"/> | 250.000  | 266.344    | 827.81  | 0.0009 | P    | 6.4  |
| 6 | <input type="checkbox"/> | 500.000  | 537.070    | 1656.78 | 0.0019 | P    | 4.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 977.447    | 3007.00 | 0.0034 | P    | 1.6  |
| 8 | <input type="checkbox"/> |          |            | 0.00    | 0.0000 | P    |      |

$$y = 3.4825\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9987$$

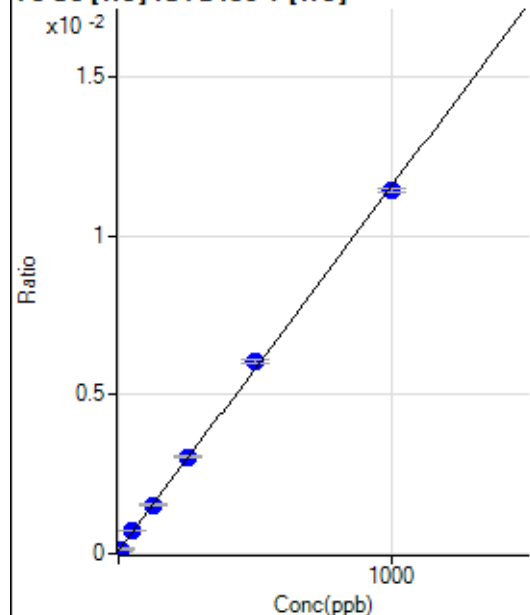
$$DL = 0$$

$$BEC = 0$$

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      | 84.44    | 0.0001 | P    | 17.2 |
| 2 | <input type="checkbox"/> | 5.000    | 4.646      | 132.22   | 0.0001 | P    | 22.8 |
| 3 | <input type="checkbox"/> | 50.000   | 55.430     | 654.47   | 0.0007 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 125.000  | 125.457    | 1376.74  | 0.0015 | P    | 6.1  |
| 5 | <input type="checkbox"/> | 250.000  | 257.211    | 2714.72  | 0.0030 | P    | 3.1  |
| 6 | <input type="checkbox"/> | 500.000  | 520.872    | 5371.02  | 0.0061 | P    | 2.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 987.434    | 10079.06 | 0.0114 | P    | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 75.56    | 0.0001 | P    | 28.7 |

$$y = 1.1459\text{E-}005 * x + 9.4231\text{E-}005$$

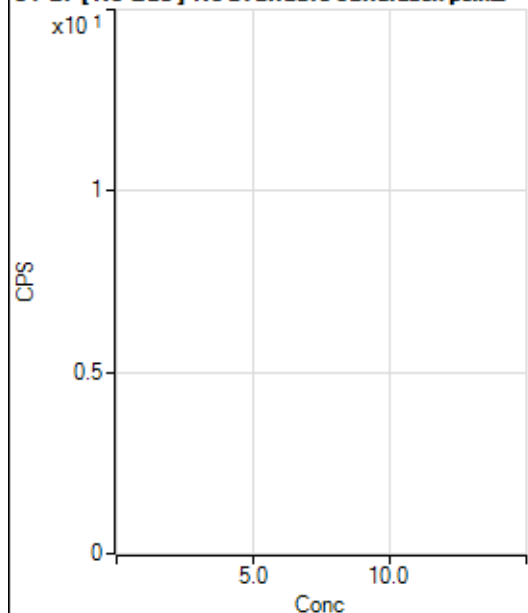
$$R = 0.9996$$

$$DL = 4.248$$

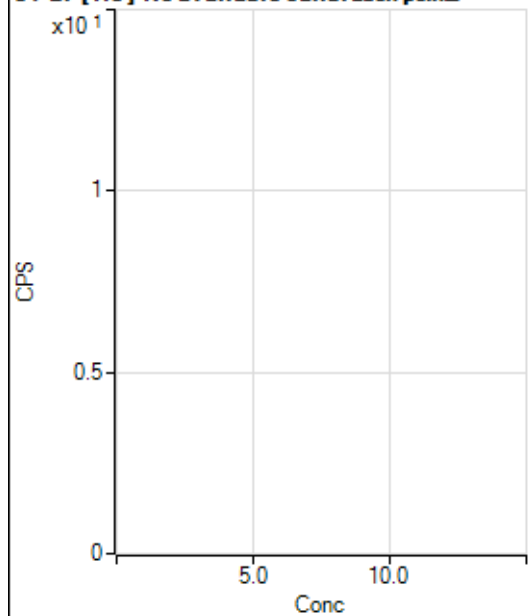
$$BEC = 8.223$$

Weight: &lt;None&gt;

Min Conc: 0

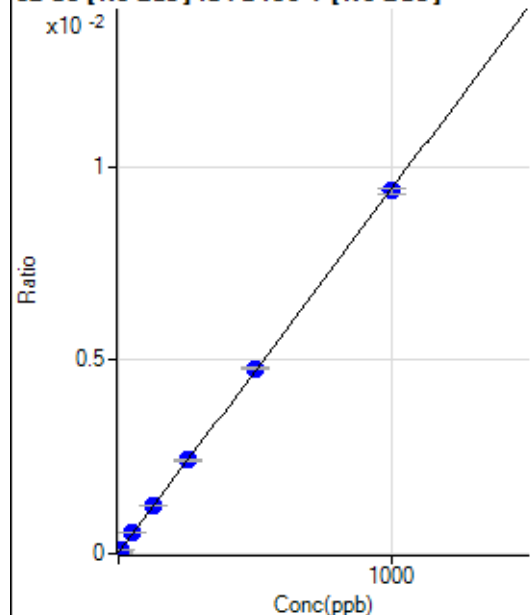
**81 Br [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|---------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 5696.72 |       | P        | 4.0 |
| 2 | <input type="checkbox"/> |       |            | 5586.67 |       | P        | 5.5 |
| 3 | <input type="checkbox"/> |       |            | 5730.05 |       | P        | 3.6 |
| 4 | <input type="checkbox"/> |       |            | 5704.49 |       | P        | 1.4 |
| 5 | <input type="checkbox"/> |       |            | 5607.78 |       | P        | 0.5 |
| 6 | <input type="checkbox"/> |       |            | 5462.18 |       | P        | 4.0 |
| 7 | <input type="checkbox"/> |       |            | 5452.17 |       | P        | 2.3 |
| 8 | <input type="checkbox"/> |       |            | 5295.44 |       | P        | 4.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 17.78 |       | P        | 28.6 |
| 2 | <input type="checkbox"/> |       |            | 17.78 |       | P        | 21.7 |
| 3 | <input type="checkbox"/> |       |            | 13.34 |       | P        | 43.3 |
| 4 | <input type="checkbox"/> |       |            | 21.11 |       | P        | 32.9 |
| 5 | <input type="checkbox"/> |       |            | 12.22 |       | P        | 41.7 |
| 6 | <input type="checkbox"/> |       |            | 20.00 |       | P        | 72.7 |
| 7 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 78.1 |
| 8 | <input type="checkbox"/> |       |            | 24.44 |       | P        | 20.8 |



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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 95.08    | 0.0000 | P   | 8.0  |
| 2 | <input type="checkbox"/> | 5.000    | 6.157      | 309.39   | 0.0001 | P   | 6.5  |
| 3 | <input type="checkbox"/> | 50.000   | 54.137     | 1995.15  | 0.0005 | P   | 4.1  |
| 4 | <input type="checkbox"/> | 125.000  | 128.634    | 4603.10  | 0.0012 | P   | 1.3  |
| 5 | <input type="checkbox"/> | 250.000  | 254.589    | 8976.73  | 0.0024 | P   | 1.8  |
| 6 | <input type="checkbox"/> | 500.000  | 506.682    | 17568.74 | 0.0048 | P   | 1.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 994.845    | 34376.04 | 0.0094 | P   | 1.9  |
| 8 | <input type="checkbox"/> |          |            | 161.75   | 0.0000 | P   | 12.7 |

$$y = 9.4054\text{E-}006 * x + 2.5849\text{E-}005$$

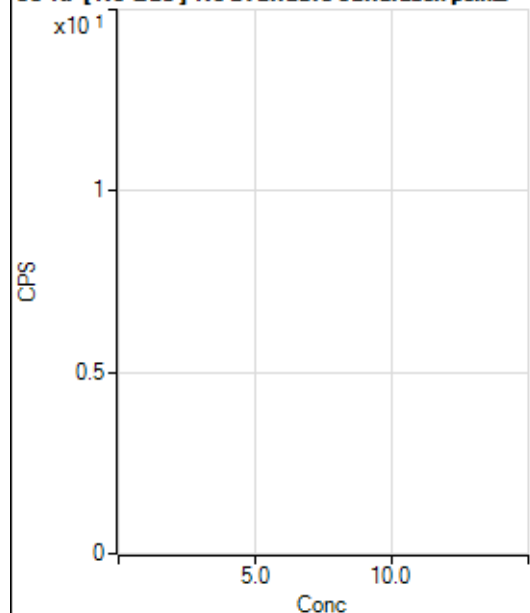
$$R = 1.0000$$

$$DL = 0.6622$$

$$BEC = 2.748$$

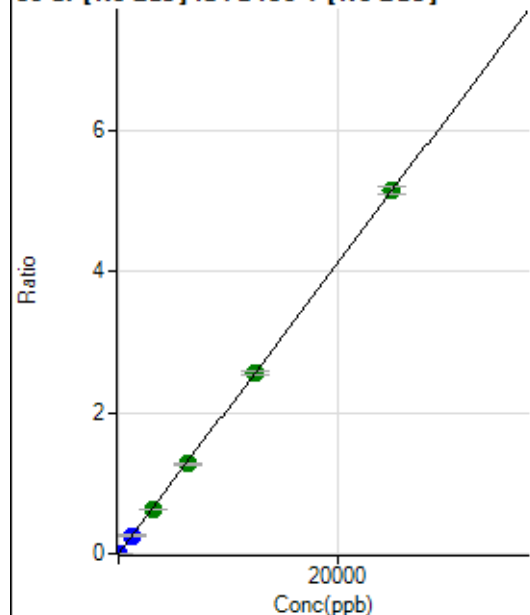
Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc. | Calc Conc. | CPS   | Ratio | Det | RSD  |
|---|--------------------------|-------|------------|-------|-------|-----|------|
| 1 | <input type="checkbox"/> |       |            | 55.56 |       | P   | 17.3 |
| 2 | <input type="checkbox"/> |       |            | 51.11 |       | P   | 38.2 |
| 3 | <input type="checkbox"/> |       |            | 43.33 |       | P   | 15.4 |
| 4 | <input type="checkbox"/> |       |            | 50.00 |       | P   | 6.7  |
| 5 | <input type="checkbox"/> |       |            | 64.44 |       | P   | 48.9 |
| 6 | <input type="checkbox"/> |       |            | 57.78 |       | P   | 20.3 |
| 7 | <input type="checkbox"/> |       |            | 50.00 |       | P   | 17.6 |
| 8 | <input type="checkbox"/> |       |            | 56.67 |       | P   | 15.6 |

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      | 93.33       | 0.0000 | P    | 19.4 |
| 2 | <input type="checkbox"/> | 1.000     | 1.018      | 865.59      | 0.0002 | P    | 4.9  |
| 3 | <input type="checkbox"/> | 1250.000  | 1258.981   | 963692.70   | 0.2585 | P    | 1.1  |
| 4 | <input type="checkbox"/> | 3125.000  | 3075.822   | 2352324.65  | 0.6315 | A    | 0.4  |
| 5 | <input type="checkbox"/> | 6250.000  | 6177.383   | 4703631.63  | 1.2682 | A    | 1.2  |
| 6 | <input type="checkbox"/> | 12500.000 | 12478.464  | 9392786.46  | 2.5619 | A    | 1.9  |
| 7 | <input type="checkbox"/> | 25000.000 | 25034.620  | 18830149.72 | 5.1396 | A    | 2.0  |
| 8 | <input type="checkbox"/> |           |            | 5543.33     | 0.0016 | P    | 11.8 |

$$y = 2.0530E-004 * x + 2.5360E-005$$

$$R = 1.0000$$

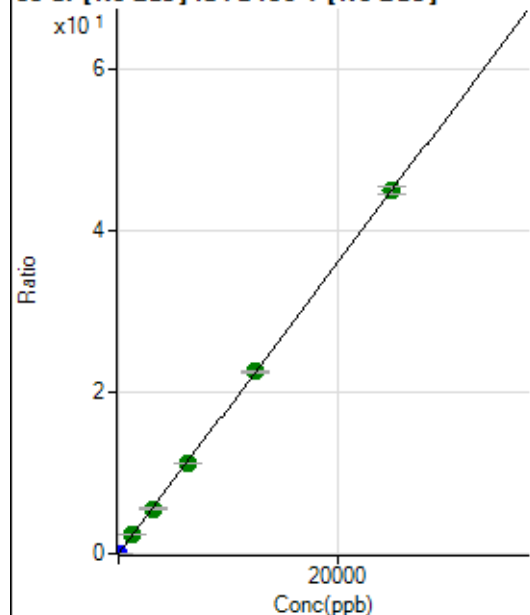
$$DL = 0.07191$$

$$BEC = 0.1235$$

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      | 74.44       | 0.0000  | P    | 26.8 |
| 2 | <input type="checkbox"/> | 1.000     | 1.025      | 6875.01     | 0.0019  | P    | 3.3  |
| 3 | <input type="checkbox"/> | 1250.000  | 1271.215   | 8512037.44  | 2.2831  | A    | 0.6  |
| 4 | <input type="checkbox"/> | 3125.000  | 3110.362   | 20808598.72 | 5.5862  | A    | 0.8  |
| 5 | <input type="checkbox"/> | 6250.000  | 6220.808   | 41436995.77 | 11.1726 | A    | 0.6  |
| 6 | <input type="checkbox"/> | 12500.000 | 12527.256  | 82494534.33 | 22.4990 | A    | 1.3  |
| 7 | <input type="checkbox"/> | 25000.000 | 24994.439  | 164465148.6 | 44.8900 | A    | 2.0  |
| 8 | <input type="checkbox"/> |           |            | 47770.16    | 0.0138  | P    | 11.5 |

$$y = 0.0018 * x + 2.0228E-005$$

$$R = 1.0000$$

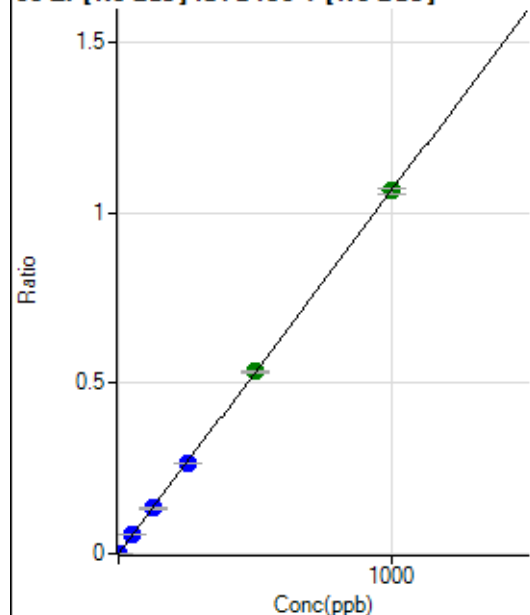
$$DL = 0.009063$$

$$BEC = 0.01126$$

Weight: &lt;None&gt;

Min Conc: 0

90 Zr [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      | 156.67     | 0.0000 | P    | 11.8 |
| 2 | <input type="checkbox"/> | 1.000    | 0.997      | 4085.05    | 0.0011 | P    | 1.1  |
| 3 | <input type="checkbox"/> | 50.000   | 50.850     | 202284.93  | 0.0543 | P    | 1.2  |
| 4 | <input type="checkbox"/> | 125.000  | 124.573    | 494915.01  | 0.1329 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 250.000  | 249.142    | 985349.98  | 0.2657 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 500.000  | 501.579    | 1961044.43 | 0.5348 | A    | 1.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 999.436    | 3904310.12 | 1.0656 | A    | 1.8  |
| 8 | <input type="checkbox"/> |          |            | 3049.24    | 0.0009 | P    | 5.8  |

$$y = 0.0011 * x + 4.2611E-005$$

$$R = 1.0000$$

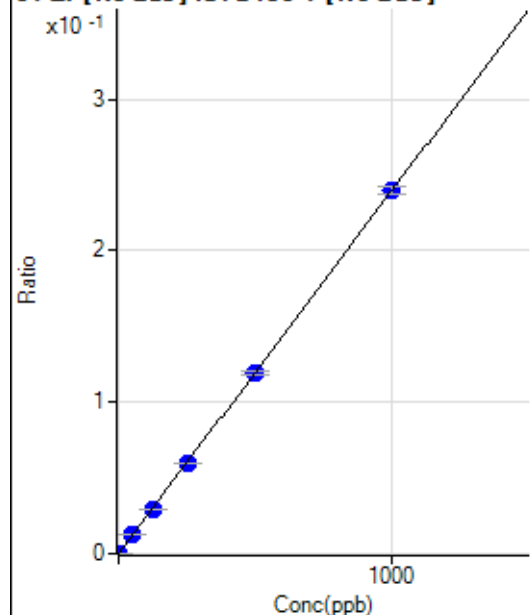
$$DL = 0.01415$$

$$BEC = 0.03997$$

Weight: &lt;None&gt;

Min Conc: 0

91 Zr [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      | 26.67     | 0.0000 | P    | 22.1 |
| 2 | <input type="checkbox"/> | 1.000    | 0.950      | 866.70    | 0.0002 | P    | 0.1  |
| 3 | <input type="checkbox"/> | 50.000   | 50.609     | 45163.67  | 0.0121 | P    | 0.3  |
| 4 | <input type="checkbox"/> | 125.000  | 123.768    | 110314.84 | 0.0296 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 250.000  | 249.442    | 221331.56 | 0.0597 | P    | 1.4  |
| 6 | <input type="checkbox"/> | 500.000  | 499.086    | 437769.38 | 0.1194 | P    | 1.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.720   | 877065.92 | 0.2394 | P    | 2.2  |
| 8 | <input type="checkbox"/> |          |            | 666.69    | 0.0002 | P    | 4.2  |

$$y = 2.3922E-004 * x + 7.2554E-006$$

$$R = 1.0000$$

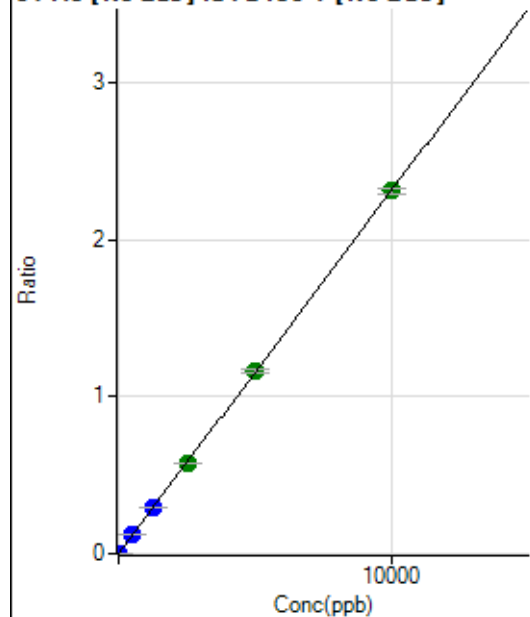
$$DL = 0.02012$$

$$BEC = 0.03033$$

Weight: &lt;None&gt;

Min Conc: 0

94 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      | 61.11      | 0.0000 | P    | 8.9 |
| 2 | <input type="checkbox"/> | 5.000     | 5.384      | 4658.56    | 0.0013 | P    | 1.9 |
| 3 | <input type="checkbox"/> | 500.000   | 514.295    | 443304.90  | 0.1189 | P    | 0.4 |
| 4 | <input type="checkbox"/> | 1250.000  | 1256.365   | 1081889.96 | 0.2904 | P    | 0.9 |
| 5 | <input type="checkbox"/> | 2500.000  | 2496.064   | 2140034.66 | 0.5770 | A    | 0.9 |
| 6 | <input type="checkbox"/> | 5000.000  | 5017.121   | 4252347.51 | 1.1598 | A    | 1.7 |
| 7 | <input type="checkbox"/> | 10000.000 | 9990.913   | 8461849.94 | 2.3096 | A    | 1.7 |
| 8 | <input type="checkbox"/> |           |            | 3383.76    | 0.0010 | P    | 6.5 |

$$y = 2.3116\text{E-}004 * x + 1.6620\text{E-}005$$

$$R = 1.0000$$

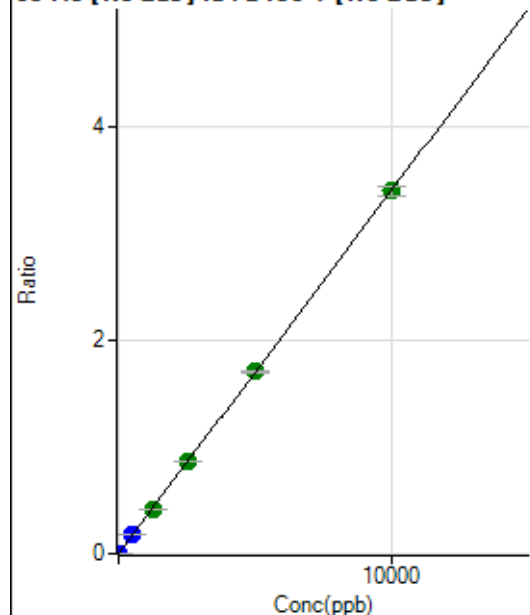
$$DL = 0.01919$$

$$BEC = 0.0719$$

Weight: &lt;None&gt;

Min Conc: 0

95 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      | 10.00       | 0.0000 | P    | 88.7 |
| 2 | <input type="checkbox"/> | 5.000     | 4.552      | 5731.18     | 0.0016 | P    | 0.3  |
| 3 | <input type="checkbox"/> | 500.000   | 510.901    | 647969.17   | 0.1738 | P    | 0.7  |
| 4 | <input type="checkbox"/> | 1250.000  | 1229.581   | 1558147.11  | 0.4183 | A    | 0.9  |
| 5 | <input type="checkbox"/> | 2500.000  | 2524.787   | 3185483.84  | 0.8589 | A    | 0.6  |
| 6 | <input type="checkbox"/> | 5000.000  | 5018.218   | 6259368.24  | 1.7071 | A    | 1.2  |
| 7 | <input type="checkbox"/> | 10000.000 | 9986.702   | 12446358.15 | 3.3973 | A    | 2.4  |
| 8 | <input type="checkbox"/> |           |            | 3706.06     | 0.0011 | P    | 8.2  |

$$y = 3.4018\text{E-}004 * x + 2.7249\text{E-}006$$

$$R = 1.0000$$

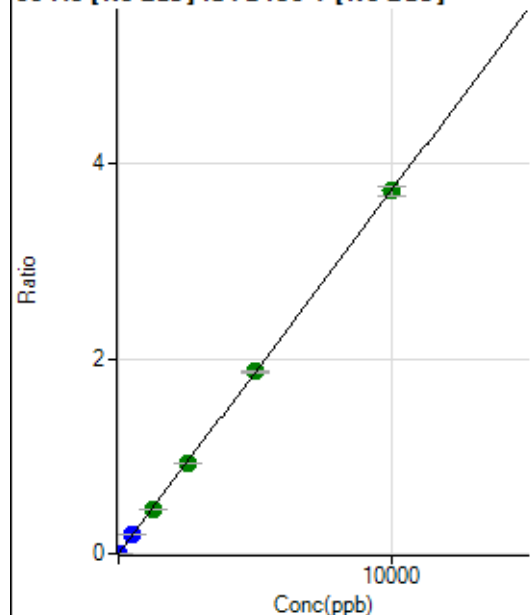
$$DL = 0.02131$$

$$BEC = 0.00801$$

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      | 37.78       | 0.0000 | P    | 56.0 |
| 2 | <input type="checkbox"/> | 5.000     | 4.651      | 6444.81     | 0.0017 | P    | 2.5  |
| 3 | <input type="checkbox"/> | 500.000   | 510.978    | 710377.01   | 0.1905 | P    | 0.8  |
| 4 | <input type="checkbox"/> | 1250.000  | 1228.633   | 1706564.16  | 0.4581 | A    | 1.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2493.783   | 3448713.74  | 0.9299 | A    | 1.3  |
| 6 | <input type="checkbox"/> | 5000.000  | 5024.942   | 6870188.93  | 1.8737 | A    | 1.3  |
| 7 | <input type="checkbox"/> | 10000.000 | 9991.205   | 13648497.99 | 3.7255 | A    | 2.4  |
| 8 | <input type="checkbox"/> |           |            | 7131.81     | 0.0021 | P    | 5.5  |

$$y = 3.7288\text{E-}004 * x + 1.0267\text{E-}005$$

$$R = 1.0000$$

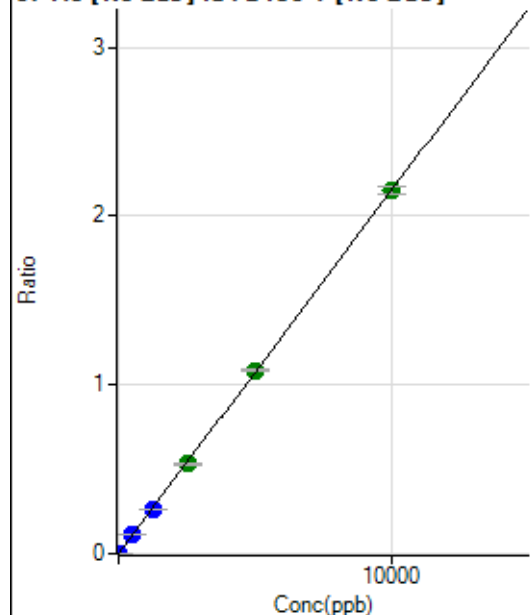
$$DL = 0.04627$$

$$BEC = 0.02753$$

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      | 14.45      | 0.0000 | P    | 74.7 |
| 2 | <input type="checkbox"/> | 5.000     | 4.470      | 3567.14    | 0.0010 | P    | 2.3  |
| 3 | <input type="checkbox"/> | 500.000   | 508.042    | 407467.93  | 0.1093 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 1250.000  | 1236.594   | 990965.97  | 0.2660 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 2500.000  | 2483.644   | 1981609.55 | 0.5343 | A    | 2.1  |
| 6 | <input type="checkbox"/> | 5000.000  | 5037.855   | 3973903.17 | 1.0838 | A    | 1.2  |
| 7 | <input type="checkbox"/> | 10000.000 | 9986.435   | 7870954.40 | 2.1484 | A    | 2.1  |
| 8 | <input type="checkbox"/> |           |            | 2346.88    | 0.0007 | P    | 9.9  |

$$y = 2.1513\text{E-}004 * x + 3.9354\text{E-}006$$

$$R = 1.0000$$

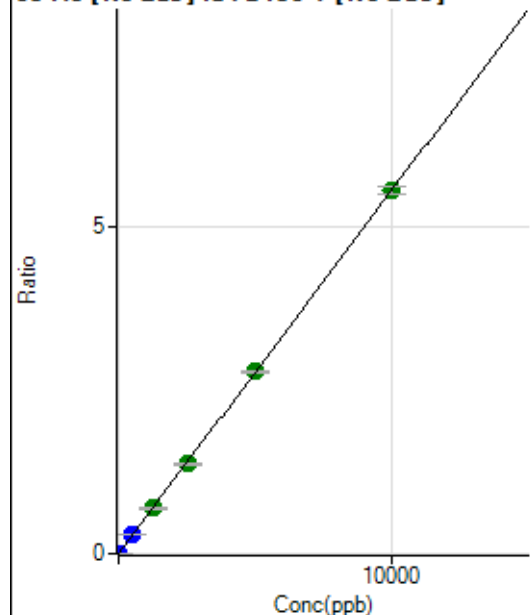
$$DL = 0.04098$$

$$BEC = 0.01829$$

Weight: &lt;None&gt;

Min Conc: 0

98 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      | 25.55       | 0.0000 | P   | 27.3 |
| 2 | <input type="checkbox"/> | 5.000     | 4.472      | 9208.52     | 0.0025 | P   | 3.2  |
| 3 | <input type="checkbox"/> | 500.000   | 510.372    | 1057726.80  | 0.2837 | P   | 0.8  |
| 4 | <input type="checkbox"/> | 1250.000  | 1246.125   | 2580253.00  | 0.6927 | A   | 1.0  |
| 5 | <input type="checkbox"/> | 2500.000  | 2475.711   | 5104000.41  | 1.3762 | A   | 1.2  |
| 6 | <input type="checkbox"/> | 5000.000  | 5022.458   | 10236491.86 | 2.7919 | A   | 1.4  |
| 7 | <input type="checkbox"/> | 10000.000 | 9994.809   | 20355157.47 | 5.5559 | A   | 2.0  |
| 8 | <input type="checkbox"/> |           |            | 5914.59     | 0.0017 | P   | 12.1 |

$$y = 5.5587\text{E-}004 * x + 6.9497\text{E-}006$$

$$R = 1.0000$$

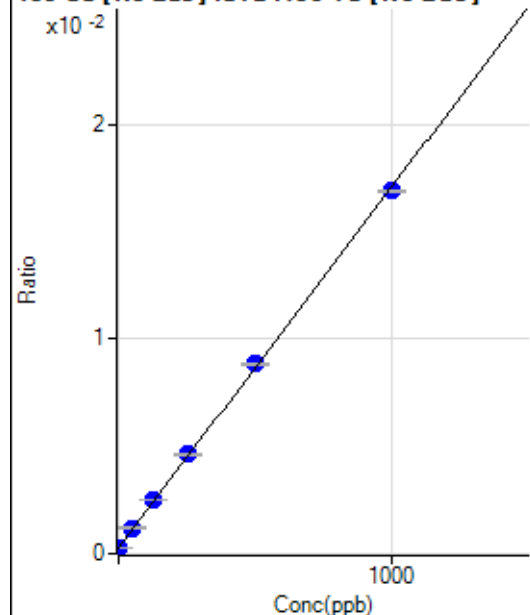
$$DL = 0.01025$$

$$BEC = 0.0125$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 928.93   | 0.0003 | P   | 2.9 |
| 2 | <input type="checkbox"/> | 1.000    | 1.160      | 1013.38  | 0.0003 | P   | 3.6 |
| 3 | <input type="checkbox"/> | 50.000   | 55.656     | 4300.68  | 0.0012 | P   | 4.0 |
| 4 | <input type="checkbox"/> | 125.000  | 134.085    | 9030.66  | 0.0025 | P   | 2.1 |
| 5 | <input type="checkbox"/> | 250.000  | 259.168    | 16926.61 | 0.0046 | P   | 1.8 |
| 6 | <input type="checkbox"/> | 500.000  | 511.540    | 32379.47 | 0.0089 | P   | 0.9 |
| 7 | <input type="checkbox"/> | 1000.000 | 990.519    | 62783.64 | 0.0169 | P   | 0.4 |
| 8 | <input type="checkbox"/> |          |            | 874.48   | 0.0002 | P   | 5.6 |

$$y = 1.6809\text{E-}005 * x + 2.6358\text{E-}004$$

$$R = 0.9998$$

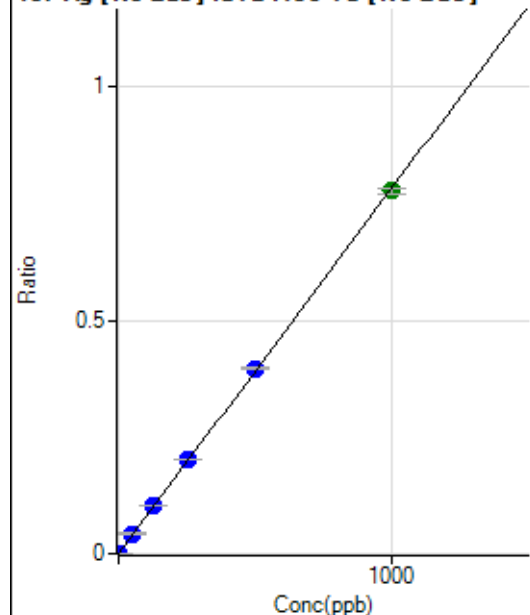
$$DL = 1.382$$

$$BEC = 15.68$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 22.22      | 0.0000 | P    | 17.0 |
| 2 | <input type="checkbox"/> | 1.000    | 1.011      | 2851.42    | 0.0008 | P    | 3.9  |
| 3 | <input type="checkbox"/> | 50.000   | 54.948     | 154124.72  | 0.0430 | P    | 1.4  |
| 4 | <input type="checkbox"/> | 125.000  | 133.917    | 375714.47  | 0.1047 | P    | 0.2  |
| 5 | <input type="checkbox"/> | 250.000  | 258.874    | 741744.76  | 0.2024 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 505.667    | 1444778.35 | 0.3954 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 993.586    | 2884040.65 | 0.7770 | A    | 1.6  |
| 8 | <input type="checkbox"/> |          |            | 705.58     | 0.0002 | P    | 11.8 |

$$y = 7.8199\text{E-}004 * x + 6.3044\text{E-}006$$

$$R = 0.9999$$

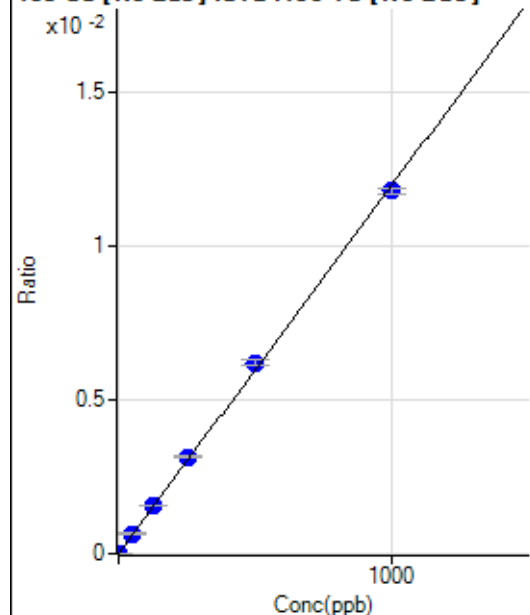
$$DL = 0.004118$$

$$BEC = 0.008062$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3.33     | 0.0000 | P    | 100. |
| 2 | <input type="checkbox"/> | 1.000    | 1.062      | 48.89    | 0.0000 | P    | 25.8 |
| 3 | <input type="checkbox"/> | 50.000   | 54.346     | 2334.66  | 0.0007 | P    | 2.4  |
| 4 | <input type="checkbox"/> | 125.000  | 130.710    | 5612.24  | 0.0016 | P    | 2.8  |
| 5 | <input type="checkbox"/> | 250.000  | 263.178    | 11536.89 | 0.0031 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 519.762    | 22713.38 | 0.0062 | P    | 2.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 985.893    | 43773.62 | 0.0118 | P    | 1.3  |
| 8 | <input type="checkbox"/> |          |            | 35.56    | 0.0000 | P    | 23.4 |

$$y = 1.1960\text{E-}005 * x + 9.5171\text{E-}007$$

$$R = 0.9996$$

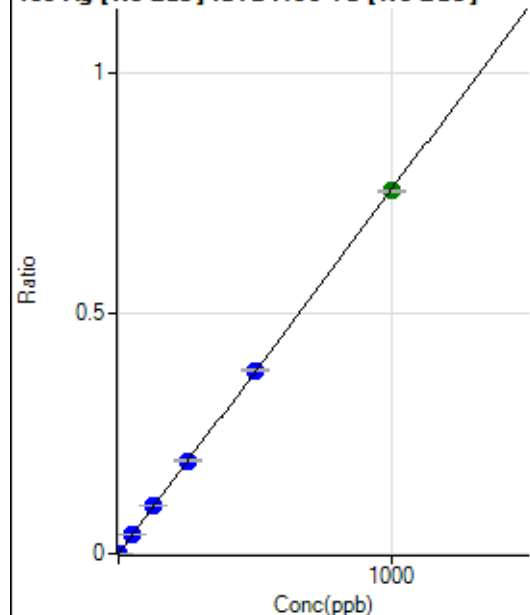
$$DL = 0.24$$

$$BEC = 0.07957$$

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<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 10.00      | 0.0000 | P        | 88.0 |
| 2 | <input type="checkbox"/> | 1.000    | 1.010      | 2746.95    | 0.0008 | P        | 5.1  |
| 3 | <input type="checkbox"/> | 50.000   | 54.603     | 148266.60  | 0.0413 | P        | 1.1  |
| 4 | <input type="checkbox"/> | 125.000  | 132.535    | 359976.88  | 0.1003 | P        | 0.2  |
| 5 | <input type="checkbox"/> | 250.000  | 255.960    | 710004.08  | 0.1938 | P        | 1.5  |
| 6 | <input type="checkbox"/> | 500.000  | 502.150    | 1388998.22 | 0.3802 | P        | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 996.263    | 2799824.68 | 0.7543 | A        | 0.7  |
| 8 | <input type="checkbox"/> |          |            | 641.13     | 0.0002 | P        | 13.6 |

$$y = 7.5708\text{E-}004 * x + 2.8398\text{E-}006$$

$$R = 1.0000$$

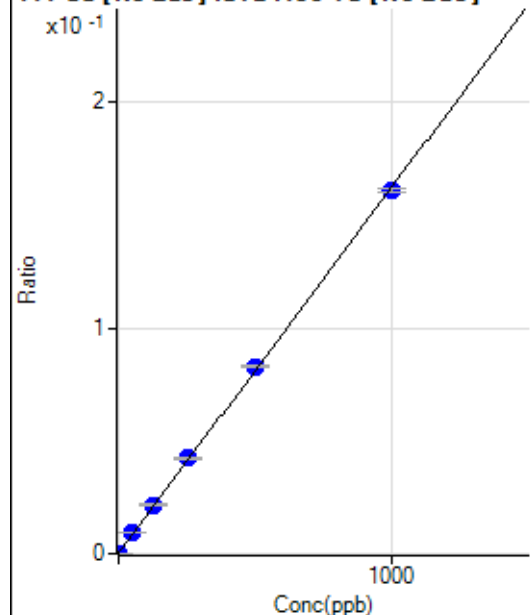
$$DL = 0.009897$$

$$BEC = 0.003751$$

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<br>. | RSD |
|---|--------------------------|----------|------------|-----------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 651.25    | 0.0002 | P        | 2.7 |
| 2 | <input type="checkbox"/> | 1.000    | 1.090      | 1294.06   | 0.0004 | P        | 5.9 |
| 3 | <input type="checkbox"/> | 50.000   | 54.540     | 32366.00  | 0.0090 | P        | 0.9 |
| 4 | <input type="checkbox"/> | 125.000  | 132.963    | 77973.01  | 0.0217 | P        | 0.7 |
| 5 | <input type="checkbox"/> | 250.000  | 259.462    | 154755.95 | 0.0422 | P        | 1.3 |
| 6 | <input type="checkbox"/> | 500.000  | 510.516    | 303003.35 | 0.0829 | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 991.154    | 596996.92 | 0.1608 | P        | 1.0 |
| 8 | <input type="checkbox"/> |          |            | 766.14    | 0.0002 | P        | 6.6 |

$$y = 1.6208\text{E-}004 * x + 1.8478\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.09083$$

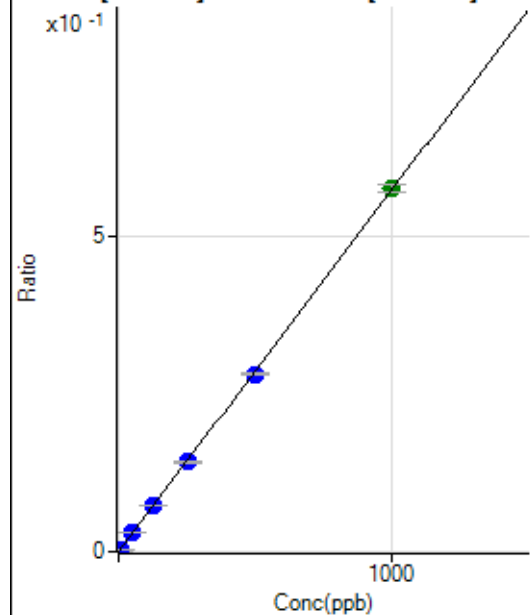
$$BEC = 1.14$$

Weight: &lt;None&gt;

Min Conc: 0



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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 448.90     | 0.0001 | P    | 10.8 |
| 2 | <input type="checkbox"/> | 5.000    | 4.875      | 10449.42   | 0.0029 | P    | 1.5  |
| 3 | <input type="checkbox"/> | 50.000   | 52.468     | 108203.14  | 0.0302 | P    | 1.0  |
| 4 | <input type="checkbox"/> | 125.000  | 126.584    | 260484.53  | 0.0726 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 250.000  | 248.003    | 520744.25  | 0.1421 | P    | 1.9  |
| 6 | <input type="checkbox"/> | 500.000  | 492.069    | 1029922.50 | 0.2819 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 1004.144   | 2134599.90 | 0.5751 | A    | 2.2  |
| 8 | <input type="checkbox"/> |          |            | 1903.48    | 0.0005 | P    | 3.1  |

$$y = 5.7260\text{E-}004 * x + 1.2744\text{E-}004$$

$$R = 0.9999$$

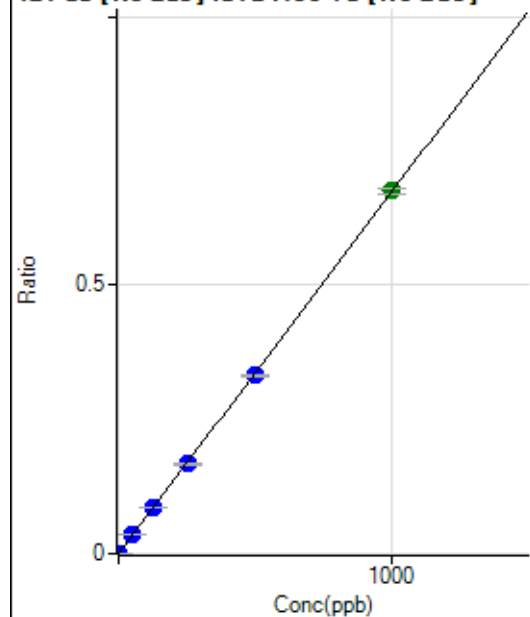
$$DL = 0.07209$$

$$BEC = 0.2226$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 17.78      | 0.0000 | P    | 44.4 |
| 2 | <input type="checkbox"/> | 2.000    | 2.066      | 4992.03    | 0.0014 | P    | 2.5  |
| 3 | <input type="checkbox"/> | 50.000   | 51.514     | 124291.46  | 0.0347 | P    | 1.1  |
| 4 | <input type="checkbox"/> | 125.000  | 126.203    | 304558.32  | 0.0849 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 250.000  | 247.882    | 610908.51  | 0.1667 | P    | 1.7  |
| 6 | <input type="checkbox"/> | 500.000  | 493.526    | 1212903.90 | 0.3320 | P    | 1.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 1003.540   | 2505639.50 | 0.6750 | A    | 1.5  |
| 8 | <input type="checkbox"/> |          |            | 2152.41    | 0.0006 | P    | 4.5  |

$$y = 6.7265\text{E-}004 * x + 5.0584\text{E-}006$$

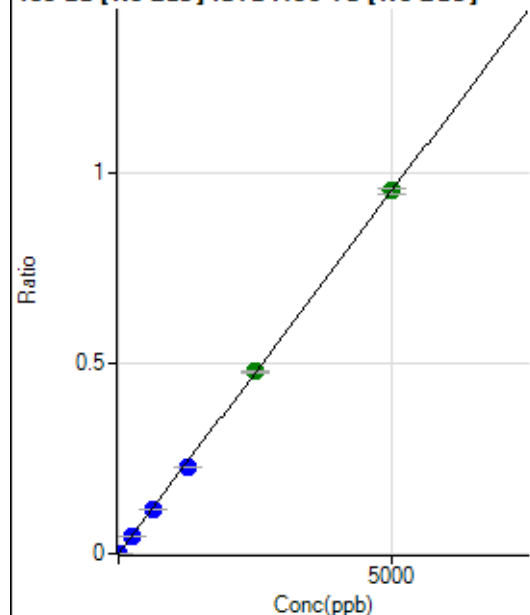
$$R = 1.0000$$

$$DL = 0.01001$$

$$BEC = 0.00752$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 36.67      | 0.0000 | P        | 32.5 |
| 2 | <input type="checkbox"/> | 10.000   | 9.415      | 6455.97    | 0.0018 | P        | 1.6  |
| 3 | <input type="checkbox"/> | 250.000  | 250.673    | 171255.79  | 0.0478 | P        | 0.6  |
| 4 | <input type="checkbox"/> | 625.000  | 610.197    | 416937.06  | 0.1162 | P        | 0.8  |
| 5 | <input type="checkbox"/> | 1250.000 | 1197.193   | 835412.28  | 0.2280 | P        | 1.4  |
| 6 | <input type="checkbox"/> | 2500.000 | 2517.668   | 1751880.77 | 0.4795 | A        | 1.1  |
| 7 | <input type="checkbox"/> | 5000.000 | 5006.185   | 3538944.98 | 0.9534 | A        | 1.8  |
| 8 | <input type="checkbox"/> |          |            | 2007.94    | 0.0006 | P        | 5.7  |

$$y = 1.9045\text{E-}004 * x + 1.0426\text{E-}005$$

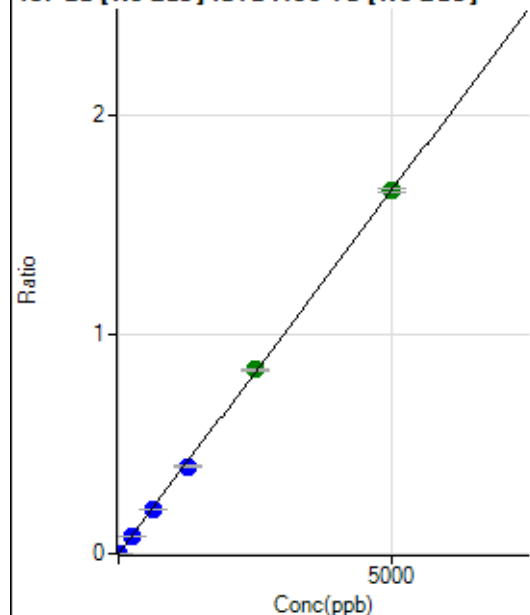
$$R = 0.9999$$

$$DL = 0.05344$$

$$BEC = 0.05474$$

Weight: &lt;None&gt;

Min Conc: 0

**137 Ba [No Gas] ISTD :159 Tb [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 55.55      | 0.0000 | P        | 19.7 |
| 2 | <input type="checkbox"/> | 10.000   | 9.475      | 11287.88   | 0.0032 | P        | 1.6  |
| 3 | <input type="checkbox"/> | 250.000  | 250.213    | 297214.00  | 0.0829 | P        | 1.0  |
| 4 | <input type="checkbox"/> | 625.000  | 612.814    | 728052.46  | 0.2029 | P        | 0.3  |
| 5 | <input type="checkbox"/> | 1250.000 | 1204.986   | 1462018.55 | 0.3990 | P        | 1.4  |
| 6 | <input type="checkbox"/> | 2500.000 | 2531.321   | 3062732.42 | 0.8382 | A        | 0.3  |
| 7 | <input type="checkbox"/> | 5000.000 | 4997.107   | 6142477.27 | 1.6548 | A        | 0.9  |
| 8 | <input type="checkbox"/> |          |            | 3428.22    | 0.0010 | P        | 7.1  |

$$y = 3.3114\text{E-}004 * x + 1.5774\text{E-}005$$

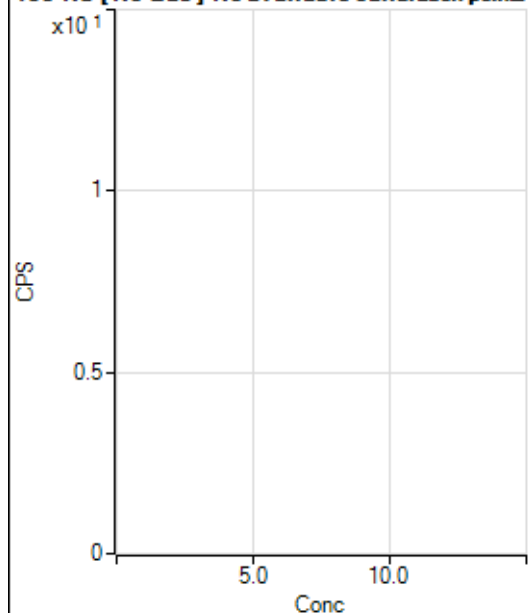
$$R = 0.9999$$

$$DL = 0.02821$$

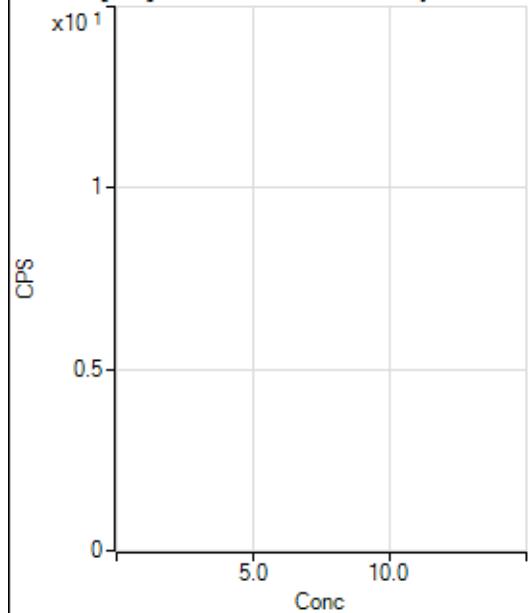
$$BEC = 0.04764$$

Weight: &lt;None&gt;

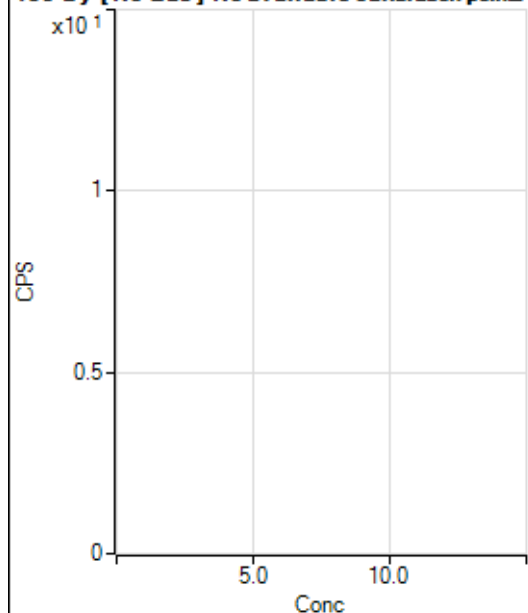
Min Conc: 0

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

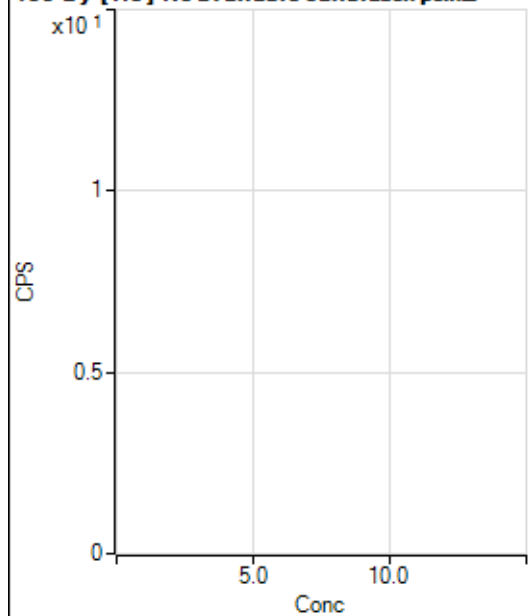
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 2.22   |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            | 6.67   |       | P        | 50.0 |
| 3 | <input type="checkbox"/> |       |            | 8.89   |       | P        | 57.3 |
| 4 | <input type="checkbox"/> |       |            | 41.11  |       | P        | 9.4  |
| 5 | <input type="checkbox"/> |       |            | 57.78  |       | P        | 43.7 |
| 6 | <input type="checkbox"/> |       |            | 136.67 |       | P        | 26.4 |
| 7 | <input type="checkbox"/> |       |            | 254.45 |       | P        | 14.7 |
| 8 | <input type="checkbox"/> |       |            | 48.89  |       | P        | 43.3 |

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

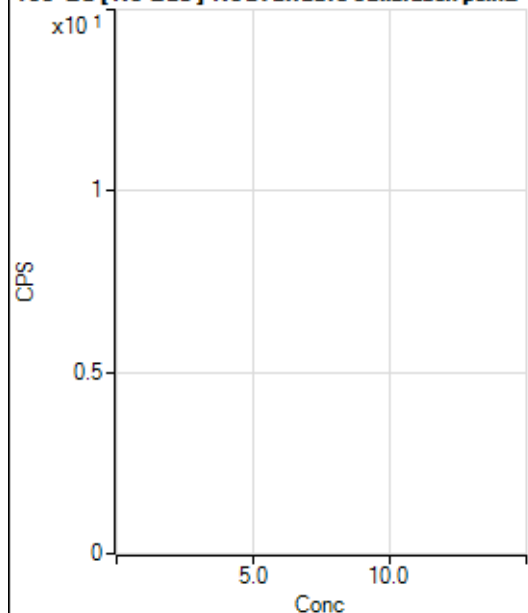
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 173. |
| 3 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 43.4 |
| 4 | <input type="checkbox"/> |       |            | 14.45 |       | P        | 26.7 |
| 5 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 62.5 |
| 6 | <input type="checkbox"/> |       |            | 28.89 |       | P        | 29.0 |
| 7 | <input type="checkbox"/> |       |            | 52.22 |       | P        | 35.2 |
| 8 | <input type="checkbox"/> |       |            | 33.33 |       | P        | 26.4 |

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

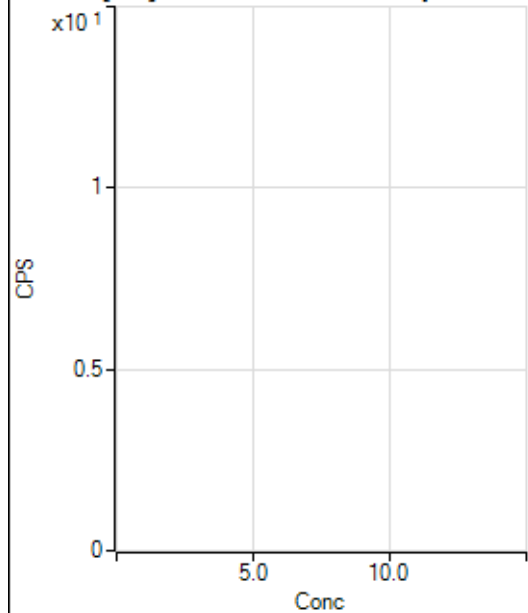
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 152.22 |       | P        | 17.7 |
| 2 | <input type="checkbox"/> |       |            | 154.45 |       | P        | 13.9 |
| 3 | <input type="checkbox"/> |       |            | 194.45 |       | P        | 2.6  |
| 4 | <input type="checkbox"/> |       |            | 160.00 |       | P        | 11.0 |
| 5 | <input type="checkbox"/> |       |            | 153.34 |       | P        | 7.8  |
| 6 | <input type="checkbox"/> |       |            | 191.11 |       | P        | 4.0  |
| 7 | <input type="checkbox"/> |       |            | 205.56 |       | P        | 19.6 |
| 8 | <input type="checkbox"/> |       |            | 250.00 |       | P        | 10.1 |

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

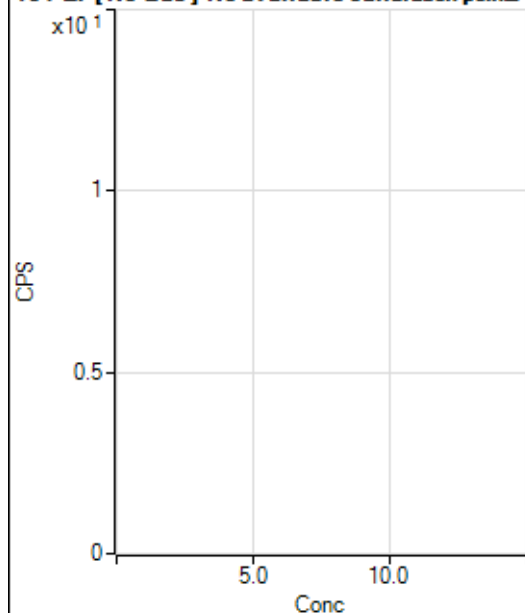
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 30.00  |       | P        | 29.4 |
| 2 | <input type="checkbox"/> |       |            | 32.22  |       | P        | 12.0 |
| 3 | <input type="checkbox"/> |       |            | 43.33  |       | P        | 15.4 |
| 4 | <input type="checkbox"/> |       |            | 38.89  |       | P        | 30.1 |
| 5 | <input type="checkbox"/> |       |            | 63.34  |       | P        | 32.9 |
| 6 | <input type="checkbox"/> |       |            | 107.78 |       | P        | 10.9 |
| 7 | <input type="checkbox"/> |       |            | 201.12 |       | P        | 26.2 |
| 8 | <input type="checkbox"/> |       |            | 103.33 |       | P        | 11.6 |

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

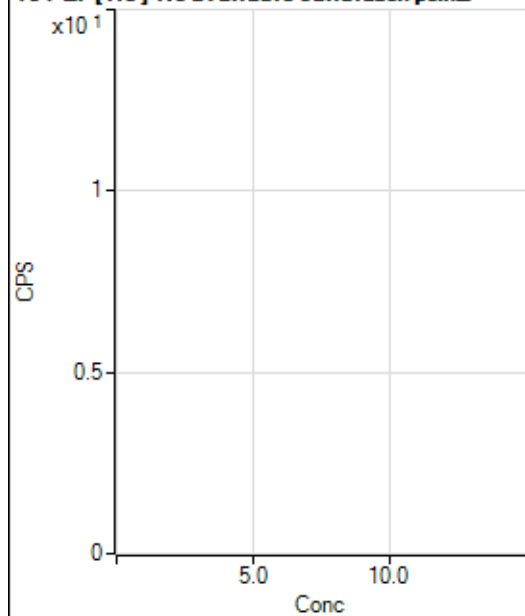
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 108. |
| 2 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 45.8 |
| 3 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 43.3 |
| 4 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 88.2 |
| 5 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 114. |
| 6 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 25.0 |
| 7 | <input type="checkbox"/> |       |            | 32.22 |       | P        | 48.9 |
| 8 | <input type="checkbox"/> |       |            | 91.11 |       | P        | 21.1 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 135.56 |       | P        | 6.2  |
| 2 | <input type="checkbox"/> |       |            | 116.67 |       | P        | 13.1 |
| 3 | <input type="checkbox"/> |       |            | 135.56 |       | P        | 20.9 |
| 4 | <input type="checkbox"/> |       |            | 108.89 |       | P        | 17.4 |
| 5 | <input type="checkbox"/> |       |            | 121.11 |       | P        | 4.2  |
| 6 | <input type="checkbox"/> |       |            | 118.89 |       | P        | 27.7 |
| 7 | <input type="checkbox"/> |       |            | 135.56 |       | P        | 3.8  |
| 8 | <input type="checkbox"/> |       |            | 172.23 |       | P        | 19.5 |

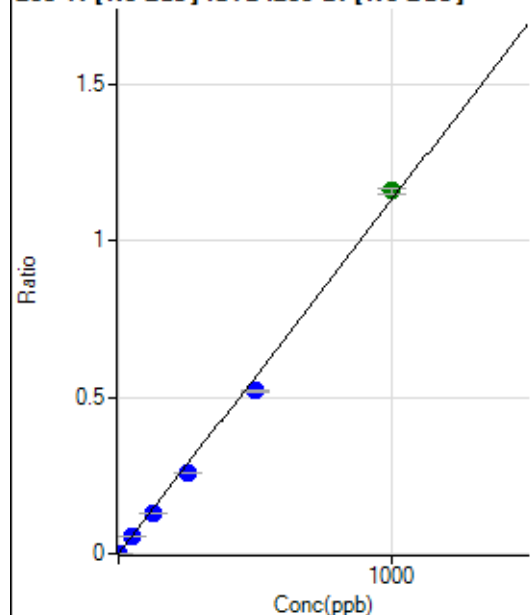
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 24.44  |       | P        | 41.7 |
| 2 | <input type="checkbox"/> |       |            | 28.89  |       | P        | 40.5 |
| 3 | <input type="checkbox"/> |       |            | 21.11  |       | P        | 24.1 |
| 4 | <input type="checkbox"/> |       |            | 37.78  |       | P        | 13.5 |
| 5 | <input type="checkbox"/> |       |            | 47.78  |       | P        | 38.4 |
| 6 | <input type="checkbox"/> |       |            | 32.22  |       | P        | 6.0  |
| 7 | <input type="checkbox"/> |       |            | 42.22  |       | P        | 18.2 |
| 8 | <input type="checkbox"/> |       |            | 127.78 |       | P        | 23.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 20.00 |       | P        | 28.9 |
| 2 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 124. |
| 3 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 69.3 |
| 4 | <input type="checkbox"/> |       |            | 12.22 |       | P        | 68.7 |
| 5 | <input type="checkbox"/> |       |            | 18.89 |       | P        | 40.7 |
| 6 | <input type="checkbox"/> |       |            | 26.67 |       | P        | 54.5 |
| 7 | <input type="checkbox"/> |       |            | 40.00 |       | P        | 16.7 |
| 8 | <input type="checkbox"/> |       |            | 71.11 |       | P        | 32.9 |

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 24.45      | 0.0000 | P        | 15.5 |
| 2 | <input type="checkbox"/> | 1.000    | 0.884      | 2135.74    | 0.0010 | P        | 3.7  |
| 3 | <input type="checkbox"/> | 50.000   | 47.047     | 113110.41  | 0.0531 | P        | 0.6  |
| 4 | <input type="checkbox"/> | 125.000  | 113.848    | 276709.69  | 0.1285 | P        | 1.5  |
| 5 | <input type="checkbox"/> | 250.000  | 229.931    | 561244.32  | 0.2595 | P        | 0.8  |
| 6 | <input type="checkbox"/> | 500.000  | 460.777    | 1122833.97 | 0.5201 | P        | 0.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 1026.170   | 2545140.53 | 1.1582 | A        | 1.4  |
| 8 | <input type="checkbox"/> |          |            | 506.68     | 0.0003 | P        | 13.7 |

$$y = 0.0011 * x + 1.1553E-005$$

$$R = 0.9987$$

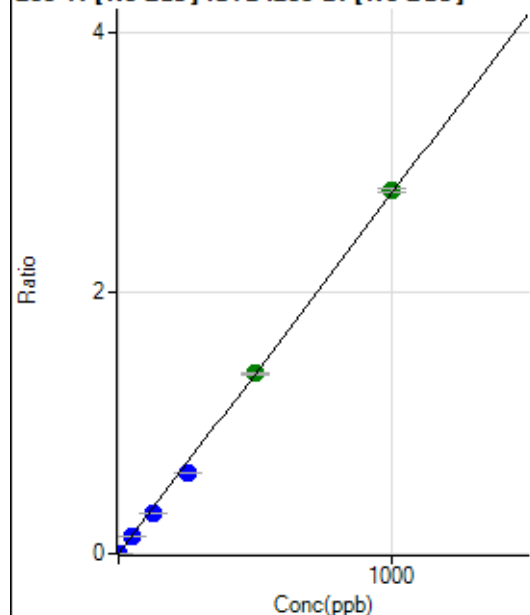
$$DL = 0.004758$$

$$BEC = 0.01024$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 78.89      | 0.0000 | P        | 13.1 |
| 2 | <input type="checkbox"/> | 1.000    | 0.857      | 5082.10    | 0.0024 | P        | 2.3  |
| 3 | <input type="checkbox"/> | 50.000   | 45.662     | 268458.92  | 0.1261 | P        | 1.0  |
| 4 | <input type="checkbox"/> | 125.000  | 110.845    | 658818.21  | 0.3060 | P        | 1.2  |
| 5 | <input type="checkbox"/> | 250.000  | 223.841    | 1336040.93 | 0.6178 | P        | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 500.915    | 2984830.10 | 1.3825 | A        | 0.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 1008.069   | 6114047.20 | 2.7822 | A        | 0.9  |
| 8 | <input type="checkbox"/> |          |            | 1340.08    | 0.0007 | P        | 12.1 |

$$y = 0.0028 * x + 3.7299E-005$$

$$R = 0.9996$$

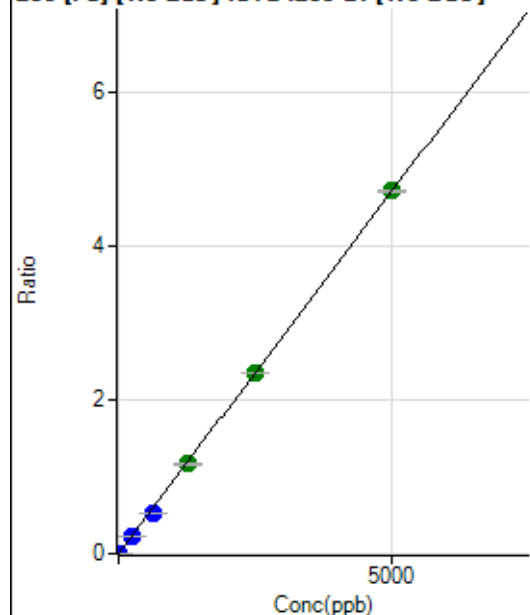
$$DL = 0.005318$$

$$BEC = 0.01351$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 116.67      | 0.0001 | P    | 21.2 |
| 2 | <input type="checkbox"/> | 1.000    | 0.866      | 1836.81     | 0.0009 | P    | 1.5  |
| 3 | <input type="checkbox"/> | 250.000  | 228.364    | 457014.62   | 0.2146 | P    | 0.5  |
| 4 | <input type="checkbox"/> | 625.000  | 555.513    | 1123900.36  | 0.5219 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 1250.000 | 1241.377   | 2522132.36  | 1.1663 | A    | 1.5  |
| 6 | <input type="checkbox"/> | 2500.000 | 2494.697   | 5060137.39  | 2.3437 | A    | 0.4  |
| 7 | <input type="checkbox"/> | 5000.000 | 5014.575   | 10353019.78 | 4.7111 | A    | 0.9  |
| 8 | <input type="checkbox"/> |          |            | 2753.65     | 0.0014 | P    | 15.1 |

$$y = 9.3947\text{E-}004 * x + 5.5126\text{E-}005$$

$$R = 0.9999$$

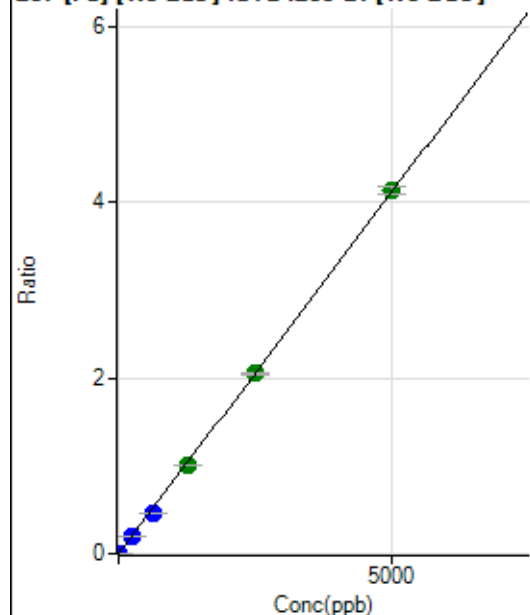
$$DL = 0.03731$$

$$BEC = 0.05868$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 110.01     | 0.0001 | P    | 14.3 |
| 2 | <input type="checkbox"/> | 1.000    | 0.864      | 1614.56    | 0.0008 | P    | 7.2  |
| 3 | <input type="checkbox"/> | 250.000  | 227.230    | 398623.38  | 0.1872 | P    | 0.5  |
| 4 | <input type="checkbox"/> | 625.000  | 551.480    | 978035.67  | 0.4542 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 1250.000 | 1225.753   | 2183066.15 | 1.0095 | A    | 1.5  |
| 6 | <input type="checkbox"/> | 2500.000 | 2490.477   | 4428062.15 | 2.0510 | A    | 1.0  |
| 7 | <input type="checkbox"/> | 5000.000 | 5021.152   | 9087502.99 | 4.1350 | A    | 2.0  |
| 8 | <input type="checkbox"/> |          |            | 2309.11    | 0.0012 | P    | 10.2 |

$$y = 8.2351\text{E-}004 * x + 5.2024\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.02708$$

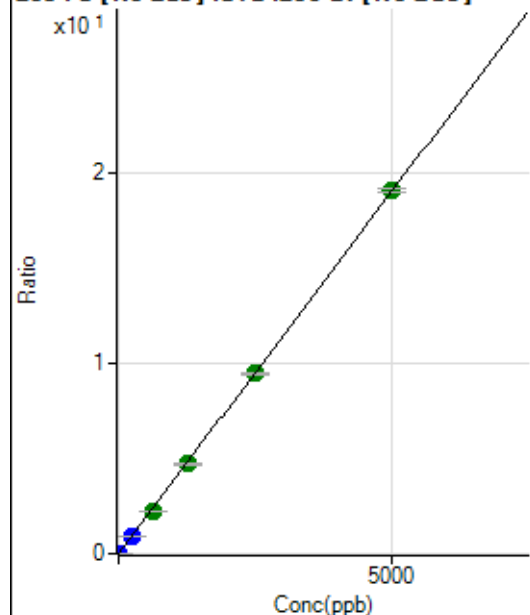
$$BEC = 0.06317$$

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<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 477.80      | 0.0002  | P        | 8.4  |
| 2 | <input type="checkbox"/> | 1.000    | 0.862      | 7399.77     | 0.0035  | P        | 1.8  |
| 3 | <input type="checkbox"/> | 250.000  | 227.636    | 1840587.80  | 0.8643  | P        | 0.4  |
| 4 | <input type="checkbox"/> | 625.000  | 587.323    | 4800902.19  | 2.2295  | A        | 0.8  |
| 5 | <input type="checkbox"/> | 1250.000 | 1240.104   | 10179752.80 | 4.7073  | A        | 1.2  |
| 6 | <input type="checkbox"/> | 2500.000 | 2486.768   | 20379564.03 | 9.4393  | A        | 0.8  |
| 7 | <input type="checkbox"/> | 5000.000 | 5014.918   | 41831782.71 | 19.0354 | A        | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 10924.08    | 0.0056  | P        | 10.1 |

$$y = 0.0038 * x + 2.2581E-004$$

$$R = 1.0000$$

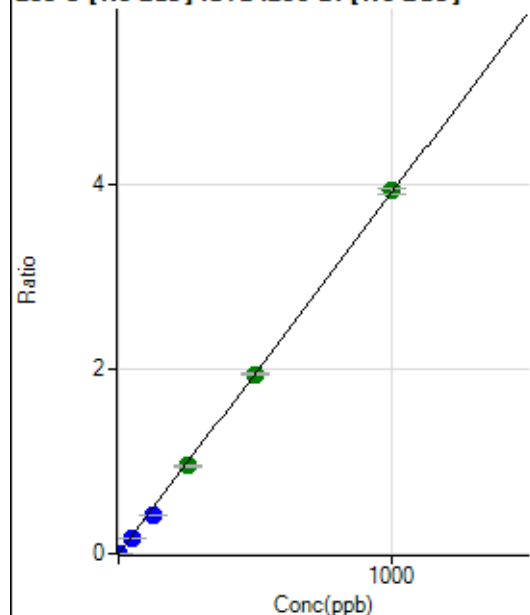
$$DL = 0.01507$$

$$BEC = 0.05949$$

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      | 3.33       | 0.0000 | P        | 99.8 |
| 2 | <input type="checkbox"/> | 1.000    | 0.819      | 6779.55    | 0.0032 | P        | 1.9  |
| 3 | <input type="checkbox"/> | 50.000   | 43.315     | 360602.03  | 0.1693 | P        | 0.3  |
| 4 | <input type="checkbox"/> | 125.000  | 105.803    | 890616.96  | 0.4136 | P        | 1.1  |
| 5 | <input type="checkbox"/> | 250.000  | 244.014    | 2062790.98 | 0.9539 | A        | 1.7  |
| 6 | <input type="checkbox"/> | 500.000  | 496.980    | 4194385.46 | 1.9428 | A        | 1.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 1005.741   | 8640180.08 | 3.9316 | A        | 1.3  |
| 8 | <input type="checkbox"/> |          |            | 1440.09    | 0.0007 | P        | 19.5 |

$$y = 0.0039 * x + 1.5714E-006$$

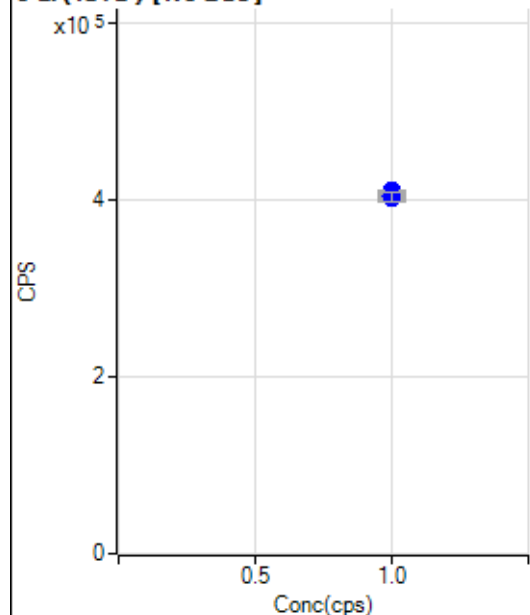
$$R = 0.9998$$

$$DL = 0.001204$$

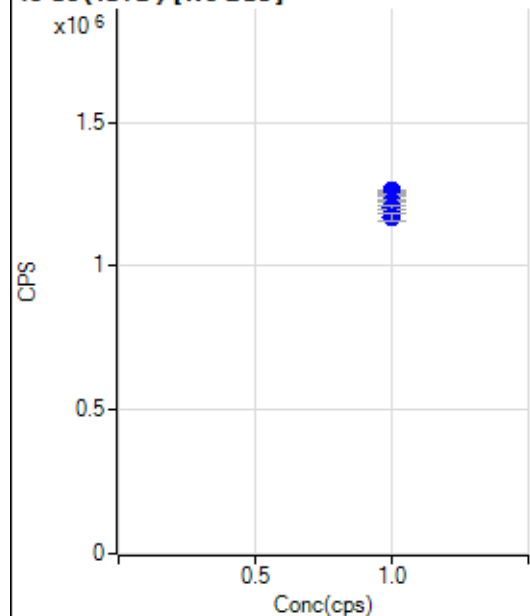
$$BEC = 0.000402$$

Weight: &lt;None&gt;

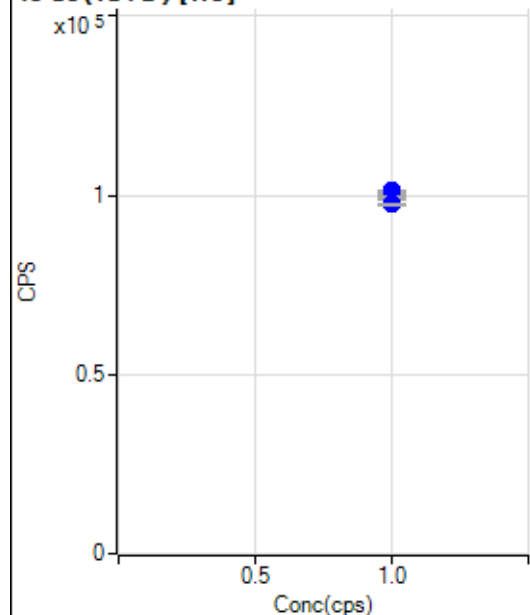
Min Conc: 0

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

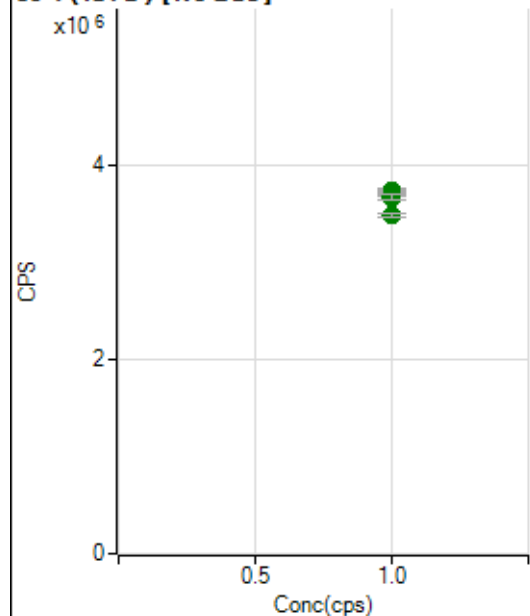
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 402257.57 |       | P        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 403010.21 |       | P        | 0.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 403452.21 |       | P        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 406944.72 |       | P        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 406108.34 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 410759.93 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 405985.63 |       | P        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 403871.01 |       | P        | 3.1 |

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

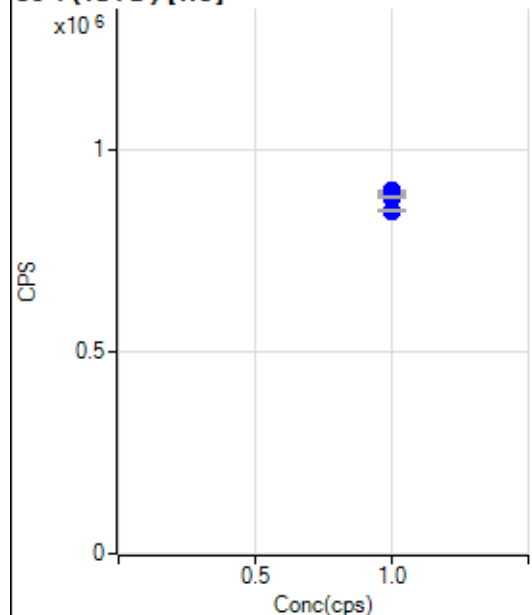
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1253437.38 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1261823.44 |       | P        | 0.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1257148.44 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1252914.52 |       | P        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1246941.31 |       | P        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1224380.30 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1202022.71 |       | P        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1169978.24 |       | P        | 1.8 |

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

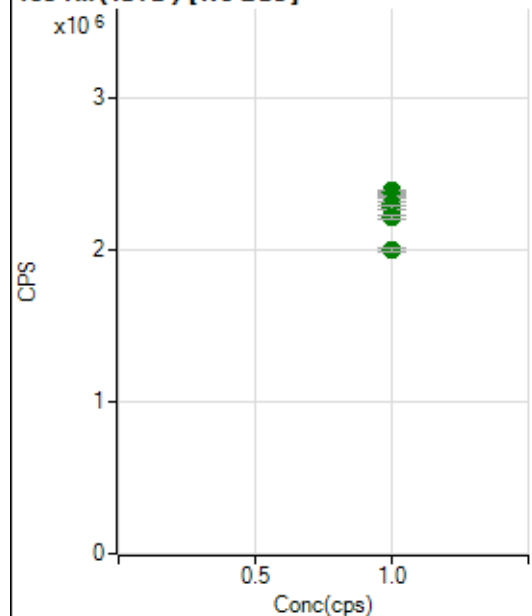
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 100092.92 |       | P        | 0.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 99965.41  |       | P        | 0.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 101183.45 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 100058.30 |       | P        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 99615.45  |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 98565.19  |       | P        | 0.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 99427.44  |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 97397.92  |       | P        | 0.2 |

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

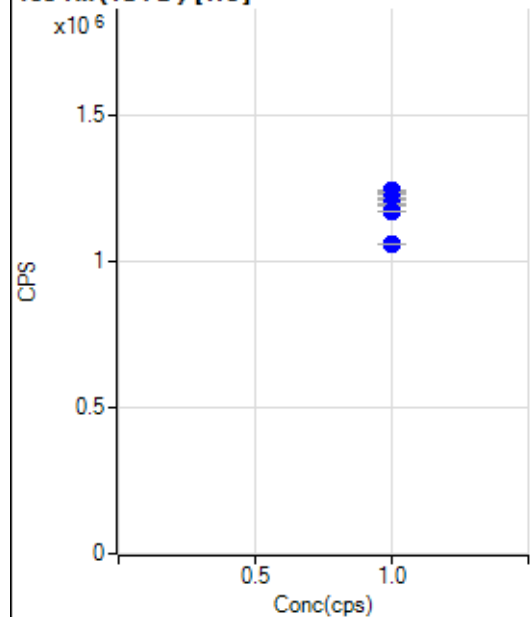
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3678399.56 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3694223.38 |       | A        | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3728359.74 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3725017.86 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3708835.29 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3666977.24 |       | A        | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3664504.74 |       | A        | 1.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3474390.92 |       | A        | 1.4 |

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

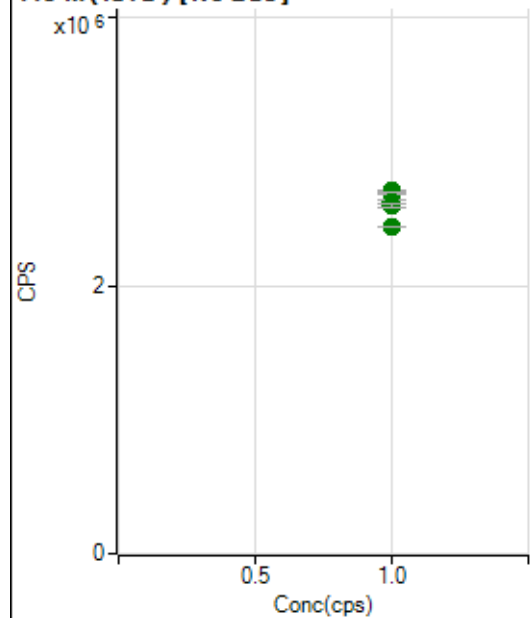
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 895530.98 |       | P        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 896450.74 |       | P        | 0.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 897289.42 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 898780.47 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 892581.58 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 885843.92 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 883427.30 |       | P        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 849992.89 |       | P        | 0.3 |

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

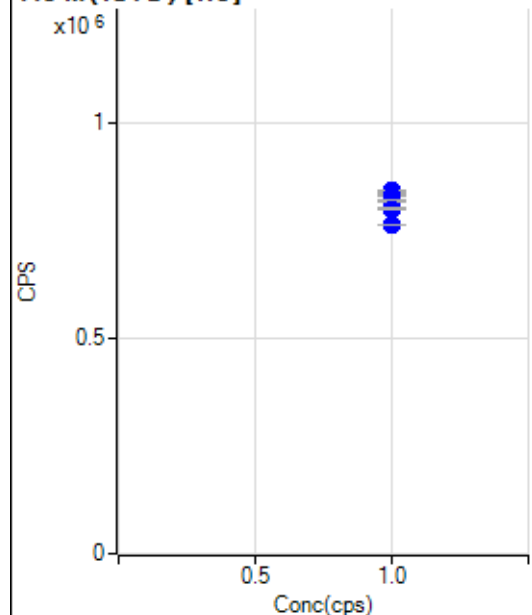
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2358651.39 |       | A        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2384306.96 |       | A        | 0.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2371488.68 |       | A        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2344591.84 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2299657.50 |       | A        | 1.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2273884.58 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2214444.80 |       | A        | 1.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1994213.93 |       | A        | 0.9 |

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

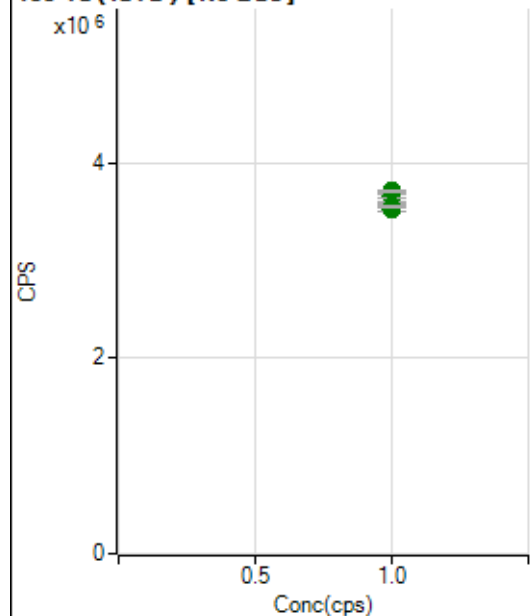
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1235006.87 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1241880.42 |       | P        | 0.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1237351.27 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1236342.78 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1216803.06 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1195343.13 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1170626.98 |       | P        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1057440.77 |       | P        | 0.1 |

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

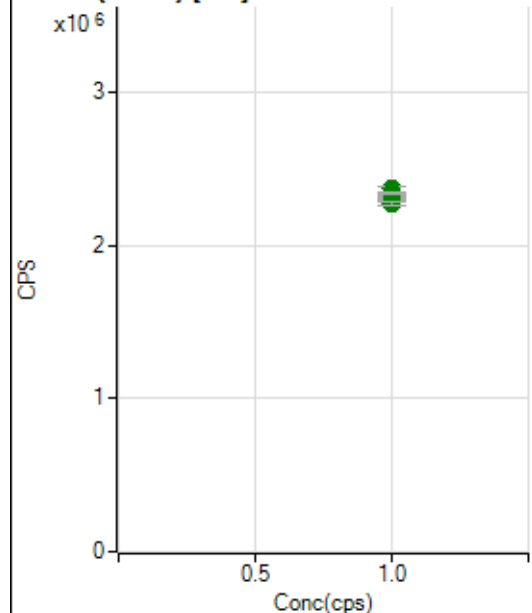
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2695492.62 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2692337.52 |       | A        | 0.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2708840.65 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2700404.25 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2688941.02 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2630741.27 |       | A        | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2596970.07 |       | A        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2442635.49 |       | A        | 0.4 |

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

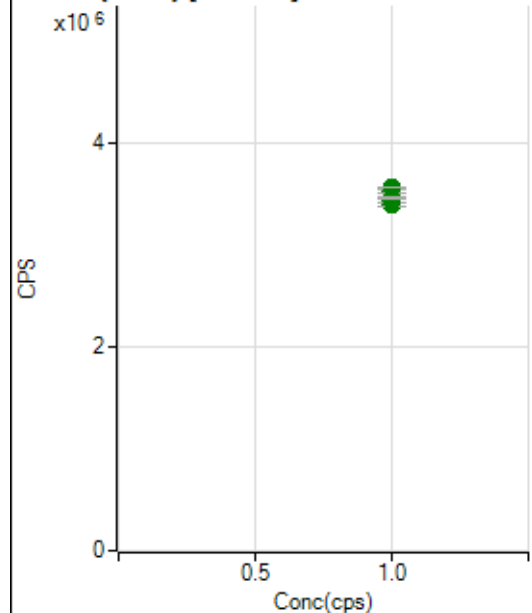
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 834764.40 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 840897.89 |       | P        | 0.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 840300.53 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 838477.69 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 829402.61 |       | P        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 819588.32 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 799671.37 |       | P        | 0.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 761739.44 |       | P        | 0.4 |

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

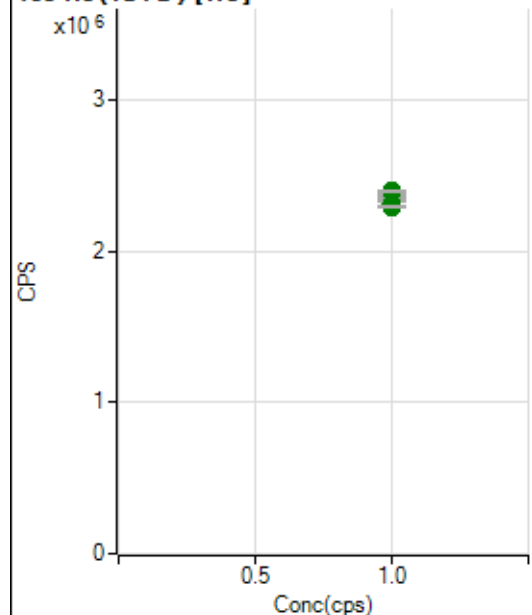
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3524048.52 |       | A        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3579816.23 |       | A        | 0.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3586550.88 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3587508.52 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3664237.65 |       | A        | 1.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3653860.19 |       | A        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3712156.51 |       | A        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3549891.93 |       | A        | 0.3 |

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

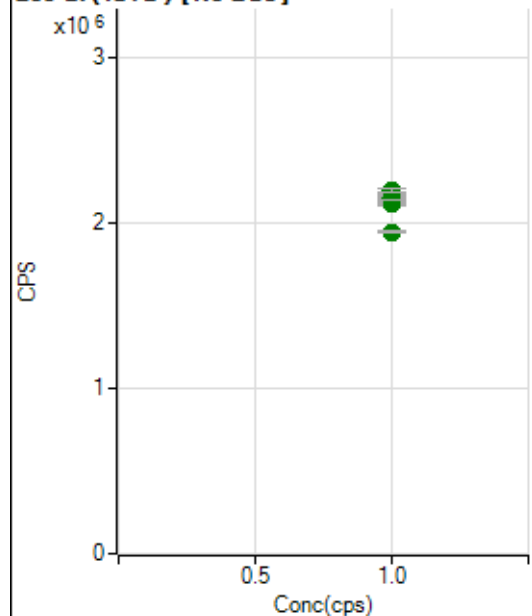
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2279839.57 |       | A        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2292906.46 |       | A        | 0.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2320876.62 |       | A        | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2329504.91 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2330086.44 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2372413.77 |       | A        | 1.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2346184.41 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2271782.73 |       | A        | 1.2 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3394249.74 |       | A        | 1.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3432877.66 |       | A        | 1.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3441411.55 |       | A        | 1.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3460963.87 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3522410.26 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3515795.40 |       | A        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3552892.00 |       | A        | 0.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3448827.07 |       | A        | 0.4 |

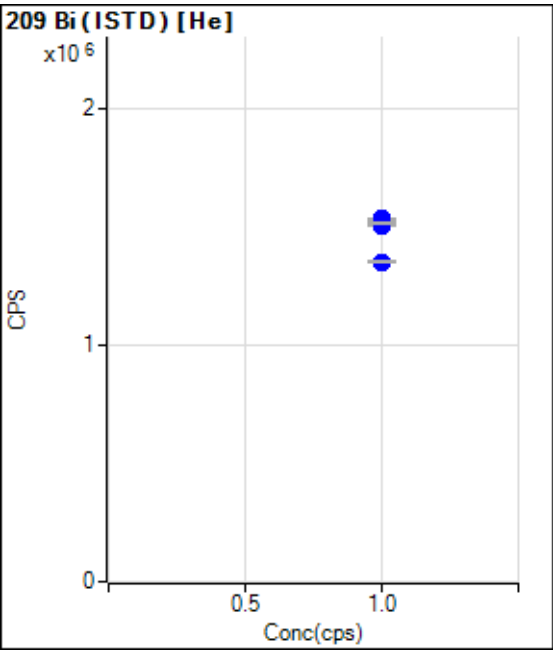
**165 Ho (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2287096.51 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2308994.48 |       | A        | 1.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2315591.98 |       | A        | 1.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2346734.55 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2358878.33 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2381658.40 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2396182.85 |       | A        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2292949.76 |       | A        | 0.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2115405.44 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2115393.06 |       | A        | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2129647.57 |       | A        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2153391.76 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2162646.15 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2159070.30 |       | A        | 1.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2197605.68 |       | A        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1947302.11 |       | A        | 0.6 |





|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1506313.38 |       | P        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1516387.58 |       | P        | 0.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1525574.01 |       | P        | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1536064.39 |       | P        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1526882.72 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1528965.72 |       | P        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1515306.19 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1353344.05 |       | P        | 0.4 |