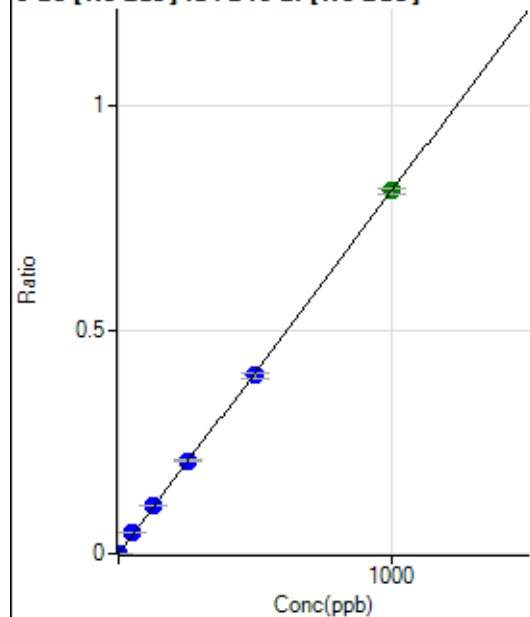


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7012225 MS.b\  
Analysis File: P7012225 MS.batch.bin  
DA Date-Time: 2025-01-23 13:48:34  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 004CALB.d          | S00         | 2025-01-22 16:07:13 |
| 2     | 006CALS.d          | S02         | 2025-01-22 16:13:44 |
| 3     | 007CALS.d          | S03         | 2025-01-22 16:16:58 |
| 4     | 008CALS.d          | S04         | 2025-01-22 16:20:01 |
| 5     | 009CALS.d          | S05         | 2025-01-22 16:22:51 |
| 6     | 010CALS.d          | S06         | 2025-01-22 16:25:38 |
| 7     | 011CALS.d          | S07         | 2025-01-22 16:28:22 |
| 8     | 012CALS.d          | S08         | 2025-01-22 16:31:08 |

**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      | 55.56      | 0.0000 | P   | 11.7 |
| 2 | <input type="checkbox"/> | 1.000    | 1.177      | 1301.18    | 0.0010 | P   | 7.0  |
| 3 | <input type="checkbox"/> | 50.000   | 56.665     | 61288.10   | 0.0460 | P   | 1.5  |
| 4 | <input type="checkbox"/> | 125.000  | 134.100    | 153773.59  | 0.1087 | P   | 0.6  |
| 5 | <input type="checkbox"/> | 250.000  | 255.807    | 309605.19  | 0.2074 | P   | 2.9  |
| 6 | <input type="checkbox"/> | 500.000  | 492.769    | 602424.31  | 0.3994 | P   | 3.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.693   | 1213578.26 | 0.8111 | A   | 1.9  |
| 8 | <input type="checkbox"/> |          |            | 526.68     | 0.0004 | P   | 36.3 |

$$y = 8.1053E-004 * x + 4.0731E-005$$

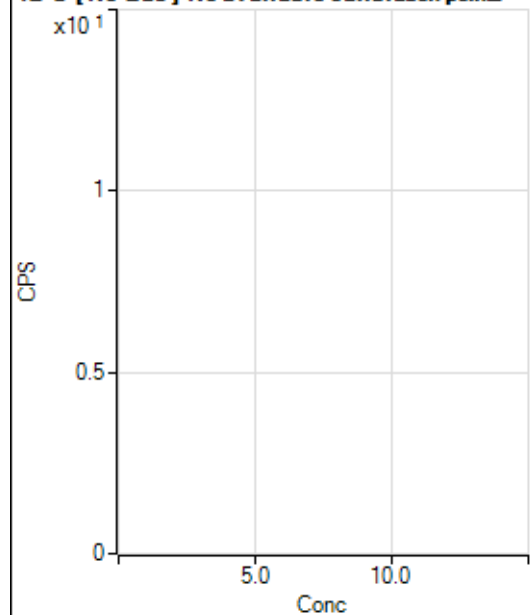
$$R = 0.9999$$

$$DL = 0.01768$$

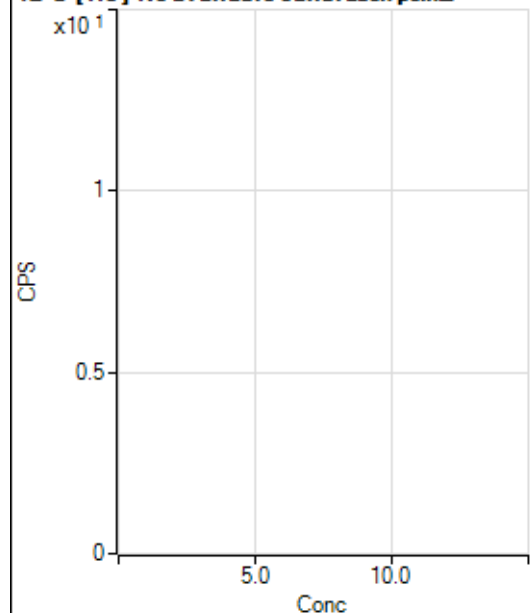
$$BEC = 0.05025$$

Weight: &lt;None&gt;

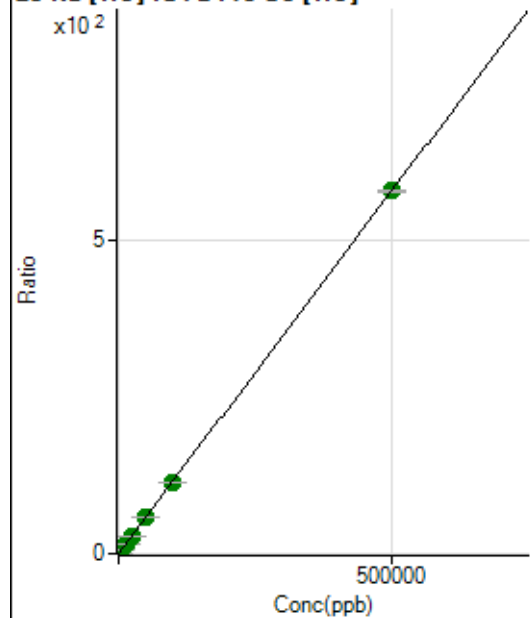
Min Conc: 0

**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 | 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 | RSD |
|---|--------------------------|-----------|------------|--------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 24850.11     | 0.0378   | P   | 1.5 |
| 2 | <input type="checkbox"/> | 500.000   | 457.390    | 369132.57    | 0.5682   | P   | 0.6 |
| 3 | <input type="checkbox"/> | 5000.000  | 5130.465   | 3728429.28   | 5.9870   | A   | 6.9 |
| 4 | <input type="checkbox"/> | 12500.000 | 12426.540  | 9047385.97   | 14.4474  | A   | 0.2 |
| 5 | <input type="checkbox"/> | 25000.000 | 24728.471  | 17630372.79  | 28.7124  | A   | 0.6 |
| 6 | <input type="checkbox"/> | 50000.000 | 49268.751  | 34292076.15  | 57.1687  | A   | 0.5 |
| 7 | <input type="checkbox"/> | 100000.00 | 98299.904  | 67765393.99  | 114.0240 | A   | 0.2 |
| 8 | <input type="checkbox"/> | 500000.00 | 500427.29  | 343472705.99 | 580.3211 | A   | 0.6 |

$$y = 0.0012 * x + 0.0378$$

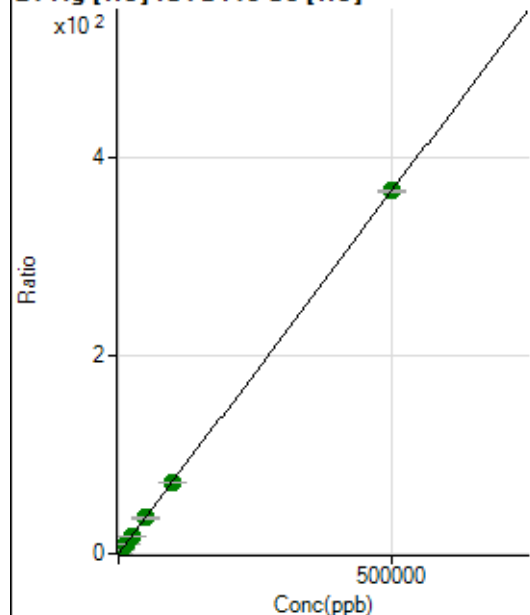
$$R = 1.0000$$

$$DL = 1.455$$

$$BEC = 32.63$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS          | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|--------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1072.27      | 0.0016   | P   | 3.4 |
| 2 | <input type="checkbox"/> | 500.000   | 465.063    | 222306.24    | 0.3422   | P   | 1.0 |
| 3 | <input type="checkbox"/> | 5000.000  | 5185.468   | 2365260.19   | 3.7989   | A   | 7.5 |
| 4 | <input type="checkbox"/> | 12500.000 | 12513.166  | 5739409.57   | 9.1649   | A   | 0.8 |
| 5 | <input type="checkbox"/> | 25000.000 | 24701.880  | 11108083.31  | 18.0906  | A   | 0.9 |
| 6 | <input type="checkbox"/> | 50000.000 | 49090.906  | 21564596.07  | 35.9505  | A   | 0.3 |
| 7 | <input type="checkbox"/> | 100000.00 | 98087.517  | 42688958.53  | 71.8303  | A   | 0.7 |
| 8 | <input type="checkbox"/> | 500000.00 | 500486.16  | 216921214.54 | 366.5033 | A   | 0.5 |

$$y = 7.3229\text{E-}004 * x + 0.0016$$

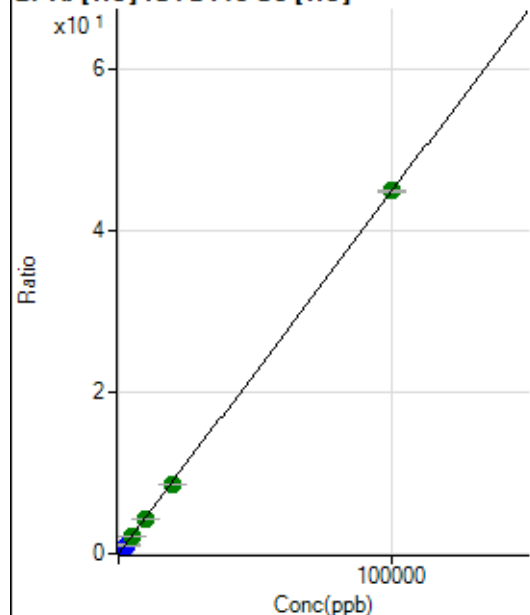
$$R = 1.0000$$

$$DL = 0.2282$$

$$BEC = 2.23$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 230.00      | 0.0004  | P   | 5.0 |
| 2 | <input type="checkbox"/> | 20.000    | 17.794     | 5415.45     | 0.0083  | P   | 3.4 |
| 3 | <input type="checkbox"/> | 1000.000  | 1003.271   | 280588.63   | 0.4506  | P   | 7.1 |
| 4 | <input type="checkbox"/> | 2500.000  | 2387.603   | 671205.10   | 1.0718  | P   | 0.4 |
| 5 | <input type="checkbox"/> | 5000.000  | 4900.625   | 1350627.72  | 2.1996  | A   | 0.6 |
| 6 | <input type="checkbox"/> | 10000.000 | 9748.875   | 2624515.41  | 4.3753  | A   | 0.8 |
| 7 | <input type="checkbox"/> | 20000.000 | 19305.613  | 5149197.18  | 8.6640  | A   | 0.7 |
| 8 | <input type="checkbox"/> | 100000.00 | 100171.73  | 26606575.99 | 44.9538 | A   | 0.8 |

$$y = 4.4876\text{E-}004 * x + 3.5022\text{E-}004$$

$$R = 1.0000$$

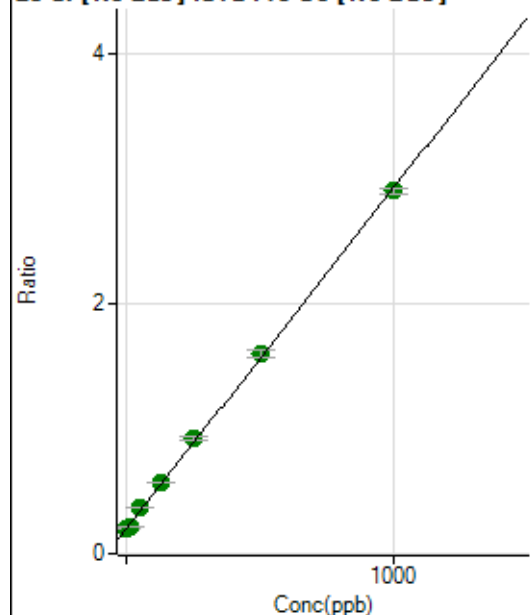
$$DL = 0.1173$$

$$BEC = 0.7804$$

Weight: &lt;None&gt;

Min Conc: 0

28 Si [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      | 1314517.16  | 0.2033 | A   | 2.4 |
| 2 | <input type="checkbox"/> | 10.000   | 4.573      | 1344090.88  | 0.2158 | A   | 1.4 |
| 3 | <input type="checkbox"/> | 50.000   | 58.776     | 2262658.13  | 0.3639 | A   | 0.3 |
| 4 | <input type="checkbox"/> | 125.000  | 136.264    | 3475407.93  | 0.5757 | A   | 0.5 |
| 5 | <input type="checkbox"/> | 250.000  | 264.157    | 5441157.97  | 0.9252 | A   | 2.5 |
| 6 | <input type="checkbox"/> | 500.000  | 511.692    | 9082971.46  | 1.6017 | A   | 3.7 |
| 7 | <input type="checkbox"/> | 1000.000 | 988.822    | 16235225.04 | 2.9056 | A   | 1.5 |
| 8 | <input type="checkbox"/> |          |            | 723365.96   | 0.1318 | P   | 0.2 |

$$y = 0.0027 * x + 0.2033$$

$$R = 0.9997$$

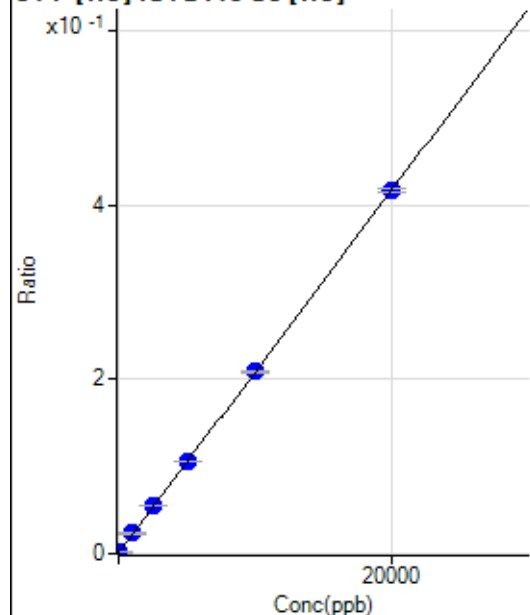
$$DL = 5.464$$

$$BEC = 74.38$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | -17.735    | 272.23    | 0.0004 | P   | 10.3 |
| 2 | <input type="checkbox"/> | 0.000     | 17.735     | 748.91    | 0.0012 | P   | 8.3  |
| 3 | <input type="checkbox"/> | 1000.000  | 1079.624   | 14483.62  | 0.0233 | P   | 6.3  |
| 4 | <input type="checkbox"/> | 2500.000  | 2576.958   | 34073.43  | 0.0544 | P   | 0.4  |
| 5 | <input type="checkbox"/> | 5000.000  | 5085.988   | 65475.91  | 0.1066 | P   | 0.4  |
| 6 | <input type="checkbox"/> | 10000.000 | 9999.018   | 125285.35 | 0.2089 | P   | 0.4  |
| 7 | <input type="checkbox"/> | 20000.000 | 19965.393  | 247394.38 | 0.4163 | P   | 1.0  |
| 8 | <input type="checkbox"/> |           |            | 393.34    | 0.0007 | P   | 6.5  |

$$y = 2.0810E-005 * x + 7.8366E-004$$

$$R = 1.0000$$

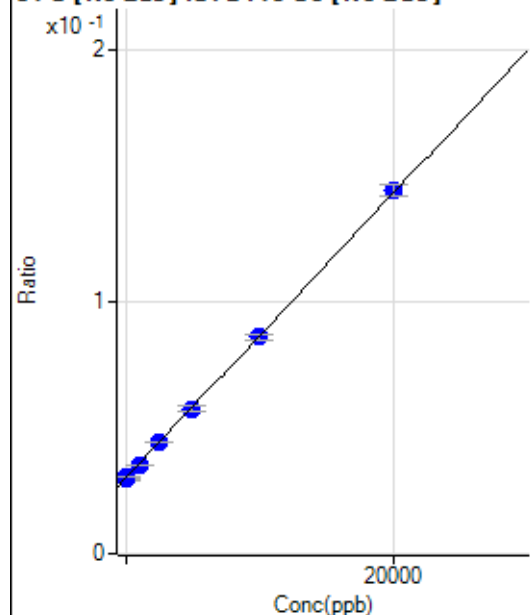
$$DL = 10.01$$

$$BEC = 37.66$$

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     | -88.965    | 189940.84 | 0.0294 | P   | 2.1 |
| 2 | <input type="checkbox"/> | 0.000     | 88.965     | 189221.97 | 0.0304 | P   | 1.2 |
| 3 | <input type="checkbox"/> | 1000.000  | 949.848    | 219198.20 | 0.0353 | P   | 0.8 |
| 4 | <input type="checkbox"/> | 2500.000  | 2518.990   | 266503.34 | 0.0441 | P   | 0.3 |
| 5 | <input type="checkbox"/> | 5000.000  | 4865.481   | 337752.69 | 0.0574 | P   | 3.1 |
| 6 | <input type="checkbox"/> | 10000.000 | 9860.200   | 486277.38 | 0.0857 | P   | 2.5 |
| 7 | <input type="checkbox"/> | 20000.000 | 20103.664  | 803062.97 | 0.1438 | P   | 3.1 |
| 8 | <input type="checkbox"/> |           |            | 146408.68 | 0.0267 | P   | 2.4 |

$$y = 5.6649\text{E-}006 * x + 0.0299$$

$$R = 0.9999$$

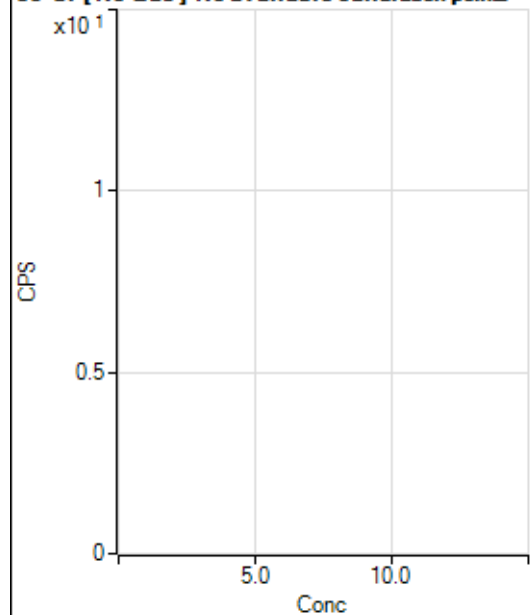
$$DL = 261.5$$

$$BEC = 5274$$

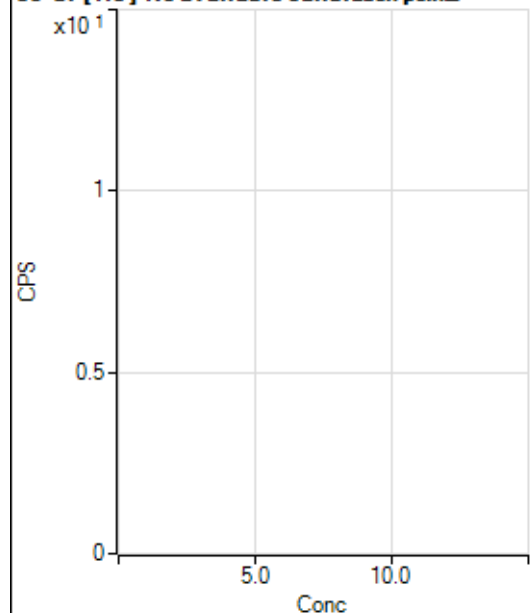
Weight: &lt;None&gt;

Min Conc: 0

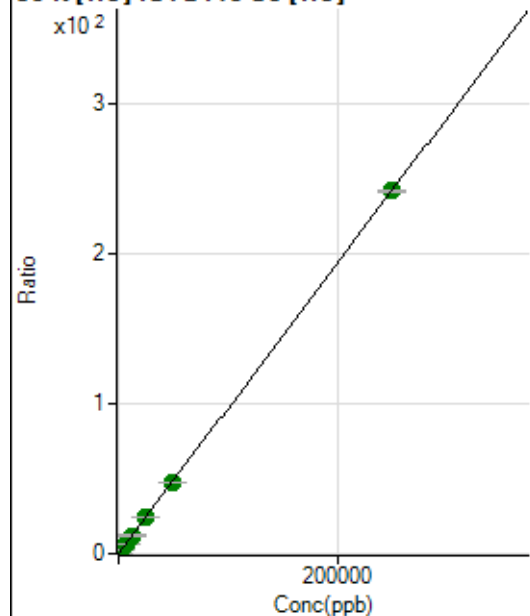
35 Cl [No Gas] No available calibration points



|   | 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 | 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 | RSD |
|---|--------------------------|-----------|------------|--------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 70528.90     | 0.1074   | P   | 0.4 |
| 2 | <input type="checkbox"/> | 500.000   | 505.436    | 387512.88    | 0.5965   | P   | 0.3 |
| 3 | <input type="checkbox"/> | 2500.000  | 2648.301   | 1663474.18   | 2.6702   | A   | 6.0 |
| 4 | <input type="checkbox"/> | 6250.000  | 6260.281   | 3861077.72   | 6.1655   | A   | 0.9 |
| 5 | <input type="checkbox"/> | 12500.000 | 12413.757  | 7441579.82   | 12.1202  | A   | 1.5 |
| 6 | <input type="checkbox"/> | 25000.000 | 24831.223  | 14478213.67  | 24.1366  | A   | 0.3 |
| 7 | <input type="checkbox"/> | 50000.000 | 49109.972  | 28307720.41  | 47.6311  | A   | 0.2 |
| 8 | <input type="checkbox"/> | 250000.00 | 250197.44  | 143364560.09 | 242.2234 | A   | 0.2 |

$$y = 9.6770\text{E-}004 * x + 0.1074$$

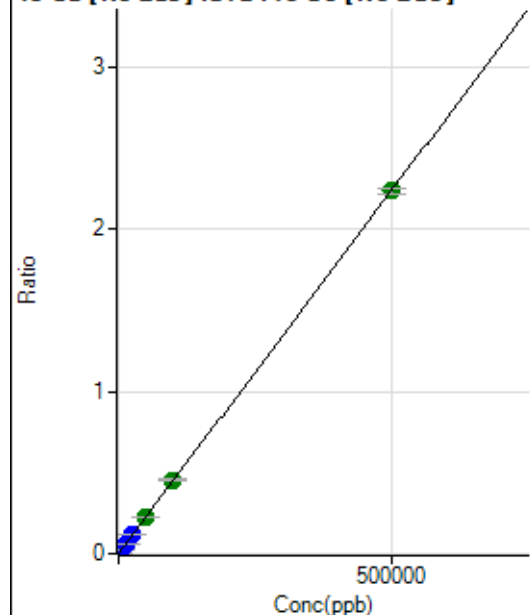
$$R = 1.0000$$

$$DL = 1.375$$

$$BEC = 111$$

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      | 343.34      | 0.0001 | P   | 4.1 |
| 2 | <input type="checkbox"/> | 500.000   | 512.277    | 14621.57    | 0.0023 | P   | 3.5 |
| 3 | <input type="checkbox"/> | 5000.000  | 5307.348   | 148141.75   | 0.0238 | P   | 1.3 |
| 4 | <input type="checkbox"/> | 12500.000 | 13176.896  | 356681.07   | 0.0591 | P   | 0.2 |
| 5 | <input type="checkbox"/> | 25000.000 | 25868.513  | 681709.68   | 0.1159 | P   | 3.3 |
| 6 | <input type="checkbox"/> | 50000.000 | 50037.906  | 1271604.77  | 0.2242 | A   | 3.2 |
| 7 | <input type="checkbox"/> | 100000.00 | 101560.14  | 2541629.20  | 0.4550 | A   | 3.3 |
| 8 | <input type="checkbox"/> | 500000.00 | 499620.74  | 12283670.65 | 2.2382 | A   | 1.7 |

$$y = 4.4798\text{E-}006 * x + 5.3083\text{E-}005$$

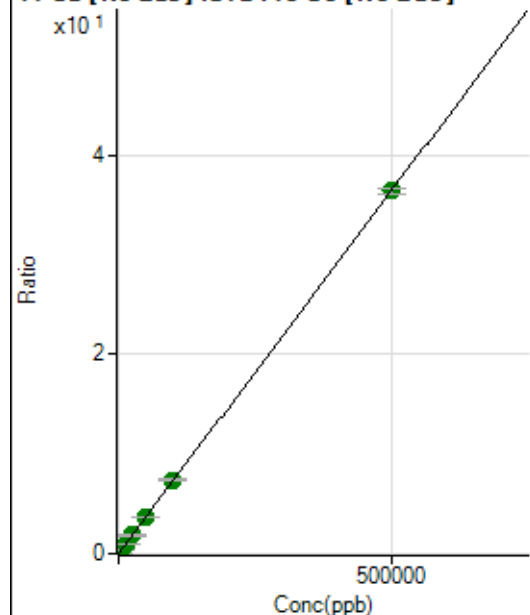
$$R = 1.0000$$

$$DL = 1.449$$

$$BEC = 11.85$$

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      | 8771.56      | 0.0014  | P   | 0.8 |
| 2 | <input type="checkbox"/> | 500.000   | 516.693    | 243085.89    | 0.0390  | P   | 2.1 |
| 3 | <input type="checkbox"/> | 5000.000  | 5166.685   | 2350662.12   | 0.3781  | A   | 0.8 |
| 4 | <input type="checkbox"/> | 12500.000 | 12829.639  | 5655835.40   | 0.9368  | A   | 1.1 |
| 5 | <input type="checkbox"/> | 25000.000 | 25301.568  | 10855609.56  | 1.8462  | A   | 3.4 |
| 6 | <input type="checkbox"/> | 50000.000 | 50236.140  | 20782755.80  | 3.6643  | A   | 2.9 |
| 7 | <input type="checkbox"/> | 100000.00 | 100801.80  | 41066595.22  | 7.3514  | A   | 2.9 |
| 8 | <input type="checkbox"/> | 500000.00 | 499791.02  | 200013977.02 | 36.4438 | A   | 1.3 |

$$y = 7.2915\text{E-}005 * x + 0.0014$$

$$R = 1.0000$$

$$DL = 0.429$$

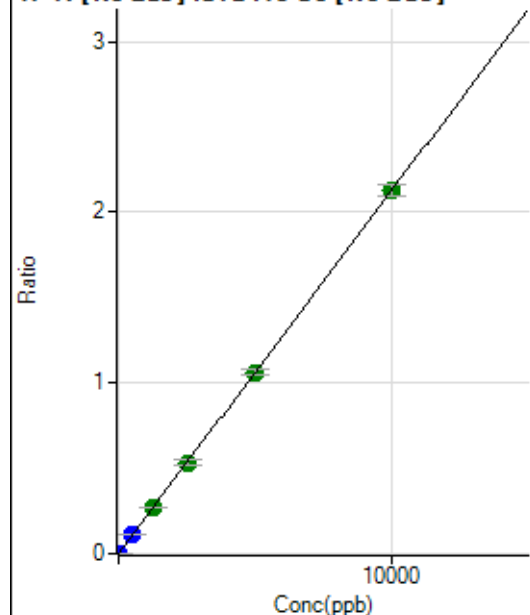
$$BEC = 18.6$$

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      | 130.00      | 0.0000 | P   | 8.9  |
| 2 | <input type="checkbox"/> | 5.000     | 4.887      | 6594.83     | 0.0011 | P   | 1.5  |
| 3 | <input type="checkbox"/> | 500.000   | 506.331    | 669232.92   | 0.1076 | P   | 1.1  |
| 4 | <input type="checkbox"/> | 1250.000  | 1286.947   | 1651541.26  | 0.2736 | A   | 0.3  |
| 5 | <input type="checkbox"/> | 2500.000  | 2516.319   | 3144266.38  | 0.5349 | A   | 4.5  |
| 6 | <input type="checkbox"/> | 5000.000  | 4990.277   | 6016219.21  | 1.0607 | A   | 2.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 9995.847   | 11868476.77 | 2.1247 | A   | 3.1  |
| 8 | <input type="checkbox"/> |           |            | 3905.12     | 0.0007 | P   | 55.0 |

$$y = 2.1256E-004 * x + 2.0072E-005$$

$$R = 1.0000$$

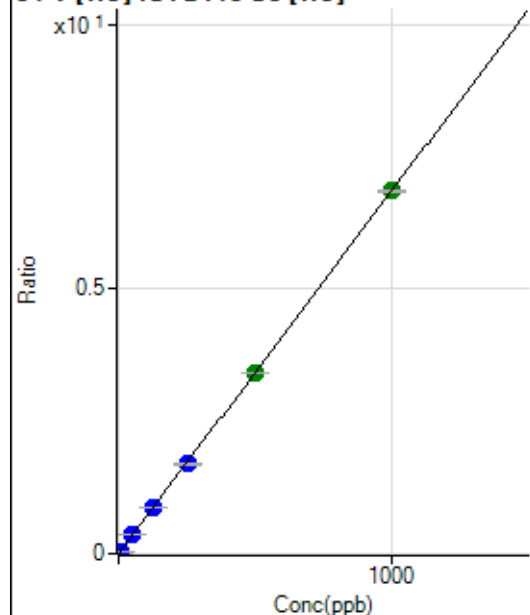
$$DL = 0.02535$$

$$BEC = 0.09443$$

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      | 6.67       | 0.0000 | P   | 132. |
| 2 | <input type="checkbox"/> | 5.000    | 4.839      | 21555.49   | 0.0332 | P   | 0.3  |
| 3 | <input type="checkbox"/> | 50.000   | 52.630     | 224625.84  | 0.3608 | P   | 7.3  |
| 4 | <input type="checkbox"/> | 125.000  | 125.165    | 537269.34  | 0.8579 | P   | 0.5  |
| 5 | <input type="checkbox"/> | 250.000  | 247.670    | 1042375.34 | 1.6976 | P   | 0.9  |
| 6 | <input type="checkbox"/> | 500.000  | 499.942    | 2055558.34 | 3.4268 | A   | 0.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.460   | 4075531.88 | 6.8576 | A   | 0.6  |
| 8 | <input type="checkbox"/> |          |            | 1116.72    | 0.0019 | P   | 8.0  |

$$y = 0.0069 * x + 1.0169E-005$$

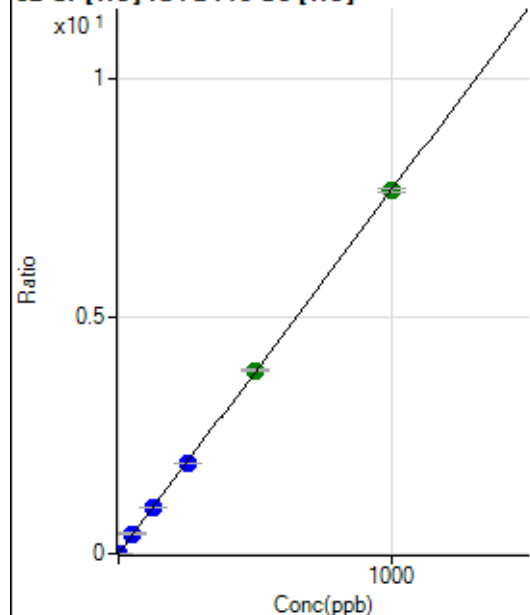
$$R = 1.0000$$

$$DL = 0.005891$$

$$BEC = 0.001484$$

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      | 1018.93    | 0.0016 | P   | 3.6  |
| 2 | <input type="checkbox"/> | 2.000    | 1.910      | 10517.07   | 0.0162 | P   | 4.0  |
| 3 | <input type="checkbox"/> | 50.000   | 53.536     | 256436.30  | 0.4118 | P   | 7.0  |
| 4 | <input type="checkbox"/> | 125.000  | 126.062    | 605902.98  | 0.9675 | P   | 0.2  |
| 5 | <input type="checkbox"/> | 250.000  | 248.110    | 1168289.89 | 1.9028 | P   | 1.3  |
| 6 | <input type="checkbox"/> | 500.000  | 504.892    | 2321690.83 | 3.8705 | A   | 0.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 997.717    | 4544477.99 | 7.6469 | A   | 1.2  |
| 8 | <input type="checkbox"/> |          |            | 7649.07    | 0.0129 | P   | 12.5 |

$$y = 0.0077 * x + 0.0016$$

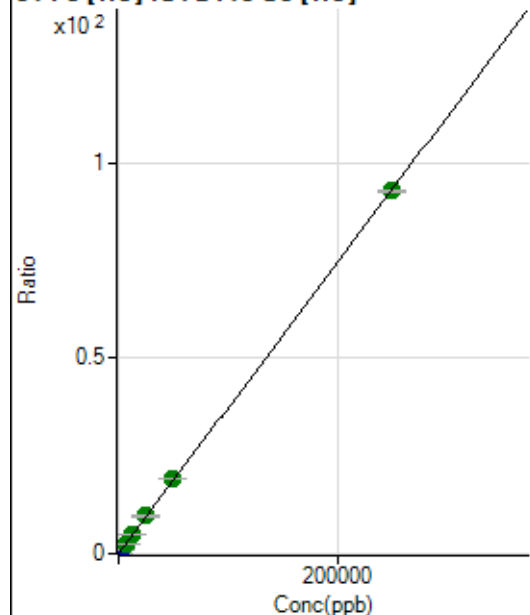
$$R = 1.0000$$

$$DL = 0.02177$$

$$BEC = 0.2025$$

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      | 2923.65     | 0.0045  | P   | 3.7 |
| 2 | <input type="checkbox"/> | 50.000    | 52.683     | 15602.62    | 0.0240  | P   | 2.0 |
| 3 | <input type="checkbox"/> | 2500.000  | 2820.041   | 654894.47   | 1.0518  | P   | 7.4 |
| 4 | <input type="checkbox"/> | 6250.000  | 6626.025   | 1543846.09  | 2.4653  | A   | 1.1 |
| 5 | <input type="checkbox"/> | 12500.000 | 13065.307  | 2982011.66  | 4.8568  | A   | 1.5 |
| 6 | <input type="checkbox"/> | 25000.000 | 25854.775  | 5762445.96  | 9.6066  | A   | 0.7 |
| 7 | <input type="checkbox"/> | 50000.000 | 51200.717  | 11303740.67 | 19.0198 | A   | 0.8 |
| 8 | <input type="checkbox"/> | 250000.00 | 249633.51  | 54875198.07 | 92.7153 | A   | 0.3 |

$$y = 3.7139E-004 * x + 0.0045$$

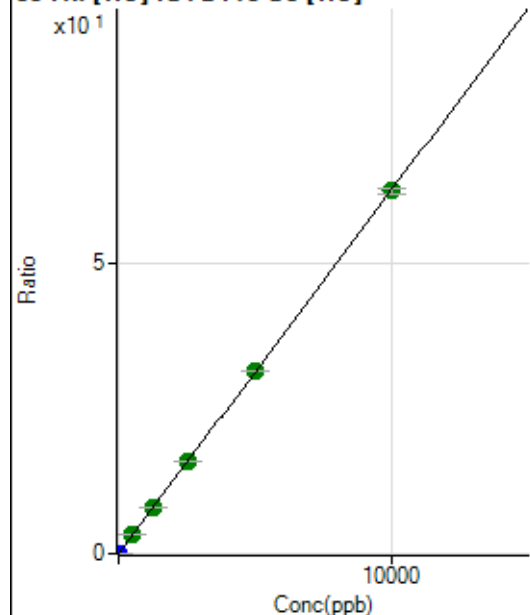
$$R = 1.0000$$

$$DL = 1.341$$

$$BEC = 11.99$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 195.56      | 0.0003  | P   | 20.4 |
| 2 | <input type="checkbox"/> | 1.000     | 0.968      | 4121.71     | 0.0063  | P   | 3.7  |
| 3 | <input type="checkbox"/> | 500.000   | 534.526    | 2078638.44  | 3.3375  | A   | 6.7  |
| 4 | <input type="checkbox"/> | 1250.000  | 1267.797   | 4956875.44  | 7.9155  | A   | 0.3  |
| 5 | <input type="checkbox"/> | 2500.000  | 2513.533   | 9636686.80  | 15.6929 | A   | 0.1  |
| 6 | <input type="checkbox"/> | 5000.000  | 5030.129   | 18837938.61 | 31.4047 | A   | 0.3  |
| 7 | <input type="checkbox"/> | 10000.000 | 9977.602   | 37022186.11 | 62.2930 | A   | 1.3  |
| 8 | <input type="checkbox"/> |           |            | 19394.87    | 0.0328  | P   | 1.7  |

$$y = 0.0062 * x + 2.9784E-004$$

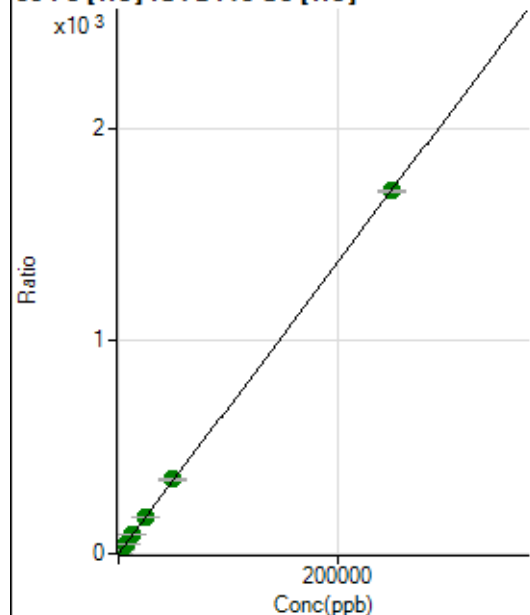
$$R = 1.0000$$

$$DL = 0.02922$$

$$BEC = 0.04771$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS          | Ratio     | Det | RSD |
|---|--------------------------|-----------|------------|--------------|-----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 22287.72     | 0.0339    | P   | 0.6 |
| 2 | <input type="checkbox"/> | 50.000    | 52.579     | 255414.41    | 0.3932    | P   | 0.6 |
| 3 | <input type="checkbox"/> | 2500.000  | 2723.193   | 11605297.74  | 18.6389   | A   | 7.4 |
| 4 | <input type="checkbox"/> | 6250.000  | 6516.233   | 27900185.97  | 44.5531   | A   | 0.7 |
| 5 | <input type="checkbox"/> | 12500.000 | 12817.059  | 53793466.42  | 87.6006   | A   | 0.1 |
| 6 | <input type="checkbox"/> | 25000.000 | 25505.007  | 104542696.22 | 174.2851  | A   | 0.6 |
| 7 | <input type="checkbox"/> | 50000.000 | 50978.942  | 207012299.14 | 348.3240  | A   | 0.5 |
| 8 | <input type="checkbox"/> | 250000.00 | 249728.97  | 1009841549.4 | 1,706.191 | A   | 0.6 |

$$y = 0.0068 * x + 0.0339$$

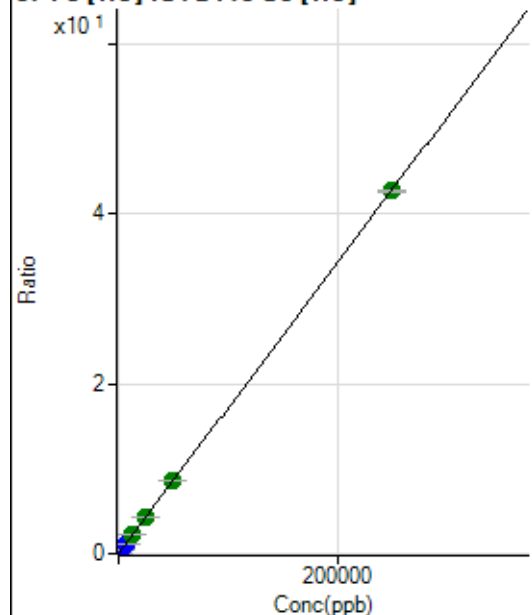
$$R = 1.0000$$

$$DL = 0.08388$$

$$BEC = 4.968$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1753.45     | 0.0027  | P   | 3.4 |
| 2 | <input type="checkbox"/> | 50.000    | 54.988     | 7842.11     | 0.0121  | P   | 2.4 |
| 3 | <input type="checkbox"/> | 2500.000  | 2774.459   | 297020.81   | 0.4770  | P   | 7.1 |
| 4 | <input type="checkbox"/> | 6250.000  | 6595.363   | 707753.68   | 1.1302  | P   | 0.6 |
| 5 | <input type="checkbox"/> | 12500.000 | 12803.611  | 1345692.92  | 2.1915  | A   | 0.7 |
| 6 | <input type="checkbox"/> | 25000.000 | 25482.196  | 2614794.56  | 4.3590  | A   | 0.6 |
| 7 | <input type="checkbox"/> | 50000.000 | 50540.869  | 5136685.44  | 8.6430  | A   | 0.6 |
| 8 | <input type="checkbox"/> | 250000.00 | 249817.04  | 25279157.68 | 42.7107 | A   | 0.3 |

$$y = 1.7096E-004 * x + 0.0027$$

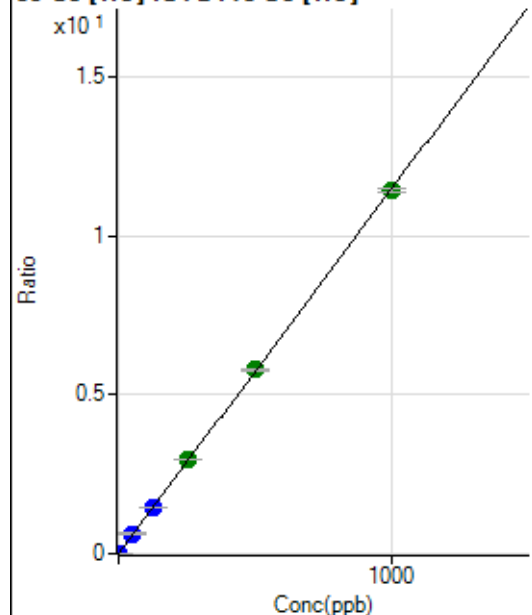
R = 1.0000

DL = 1.597

BEC = 15.62

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 122.22     | 0.0002  | P   | 20.5 |
| 2 | <input type="checkbox"/> | 1.000    | 1.018      | 7705.36    | 0.0119  | P   | 0.9  |
| 3 | <input type="checkbox"/> | 50.000   | 53.976     | 385497.58  | 0.6191  | P   | 7.2  |
| 4 | <input type="checkbox"/> | 125.000  | 127.606    | 916386.26  | 1.4633  | P   | 0.2  |
| 5 | <input type="checkbox"/> | 250.000  | 257.591    | 1813753.03 | 2.9538  | A   | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 505.520    | 3476999.18 | 5.7966  | A   | 0.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 994.817    | 6779520.80 | 11.4070 | A   | 1.2  |
| 8 | <input type="checkbox"/> |          |            | 18505.91   | 0.0313  | P   | 0.3  |

$$y = 0.0115 * x + 1.8609E-004$$

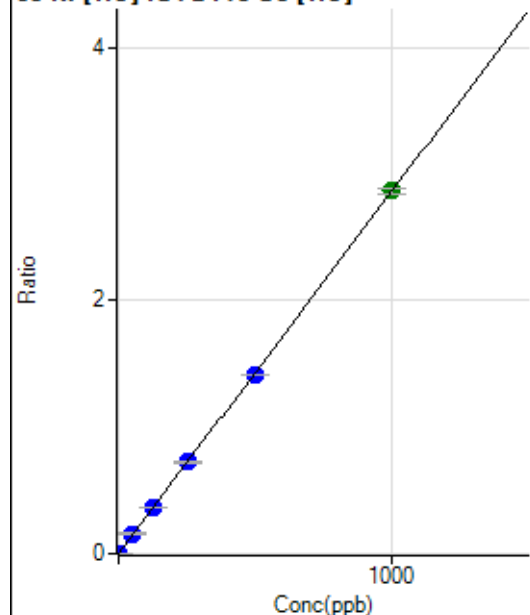
R = 0.9999

DL = 0.01

BEC = 0.01623

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 501.12     | 0.0008 | P   | 7.3 |
| 2 | <input type="checkbox"/> | 1.000    | 0.956      | 2270.20    | 0.0035 | P   | 7.6 |
| 3 | <input type="checkbox"/> | 50.000   | 54.439     | 97409.19   | 0.1564 | P   | 6.8 |
| 4 | <input type="checkbox"/> | 125.000  | 129.028    | 231496.44  | 0.3697 | P   | 0.2 |
| 5 | <input type="checkbox"/> | 250.000  | 252.722    | 444112.15  | 0.7233 | P   | 1.2 |
| 6 | <input type="checkbox"/> | 500.000  | 493.161    | 846233.28  | 1.4108 | P   | 0.2 |
| 7 | <input type="checkbox"/> | 1000.000 | 1002.014   | 1703155.51 | 2.8656 | A   | 1.8 |
| 8 | <input type="checkbox"/> |          |            | 5139.81    | 0.0087 | P   | 4.8 |

$$y = 0.0029 * x + 7.6303E-004$$

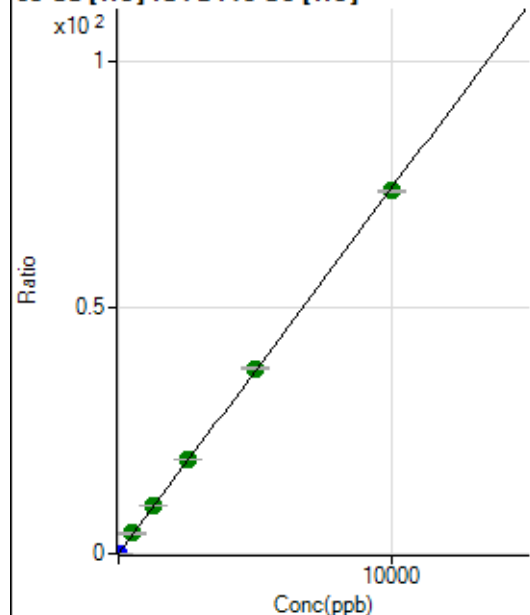
$$R = 0.9999$$

$$DL = 0.05882$$

$$BEC = 0.2669$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1572.32     | 0.0024  | P   | 1.8 |
| 2 | <input type="checkbox"/> | 2.000     | 2.048      | 11424.42    | 0.0176  | P   | 0.9 |
| 3 | <input type="checkbox"/> | 500.000   | 563.411    | 2604278.16  | 4.1827  | A   | 7.5 |
| 4 | <input type="checkbox"/> | 1250.000  | 1312.234   | 6098696.09  | 9.7387  | A   | 0.8 |
| 5 | <input type="checkbox"/> | 2500.000  | 2585.349   | 11779430.94 | 19.1847 | A   | 1.1 |
| 6 | <input type="checkbox"/> | 5000.000  | 5076.726   | 22595541.61 | 37.6697 | A   | 1.0 |
| 7 | <input type="checkbox"/> | 10000.000 | 9929.350   | 43784556.57 | 73.6743 | A   | 0.4 |
| 8 | <input type="checkbox"/> |           |            | 7596.44     | 0.0128  | P   | 5.9 |

$$y = 0.0074 * x + 0.0024$$

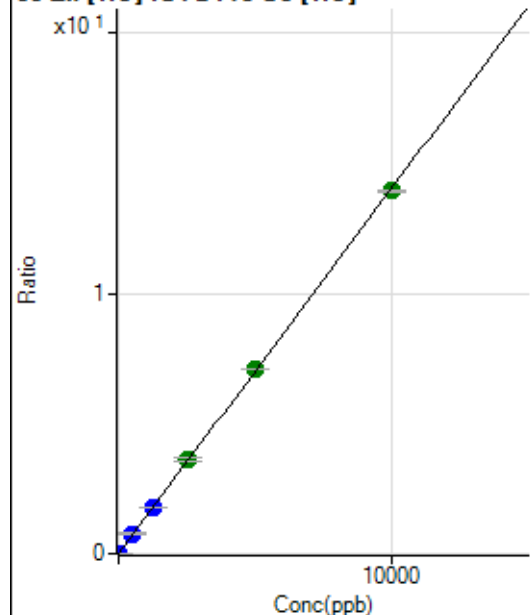
$$R = 0.9999$$

$$DL = 0.01747$$

$$BEC = 0.3227$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|-----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 364.45     | 0.0006  | P   | 16.2 |
| 2 | <input type="checkbox"/> | 2.000     | 5.327      | 5216.51    | 0.0080  | P   | 3.5  |
| 3 | <input type="checkbox"/> | 500.000   | 537.796    | 470391.62  | 0.7553  | P   | 6.8  |
| 4 | <input type="checkbox"/> | 1250.000  | 1278.174   | 1123674.27 | 1.7944  | P   | 0.4  |
| 5 | <input type="checkbox"/> | 2500.000  | 2580.410   | 2223617.14 | 3.6219  | A   | 2.4  |
| 6 | <input type="checkbox"/> | 5000.000  | 5077.581   | 4274803.96 | 7.1265  | A   | 0.1  |
| 7 | <input type="checkbox"/> | 10000.000 | 9935.695   | 8287298.49 | 13.9444 | A   | 0.3  |
| 8 | <input type="checkbox"/> |           |            | 2860.30    | 0.0048  | P   | 1.9  |

$$y = 0.0014 * x + 5.5506E-004$$

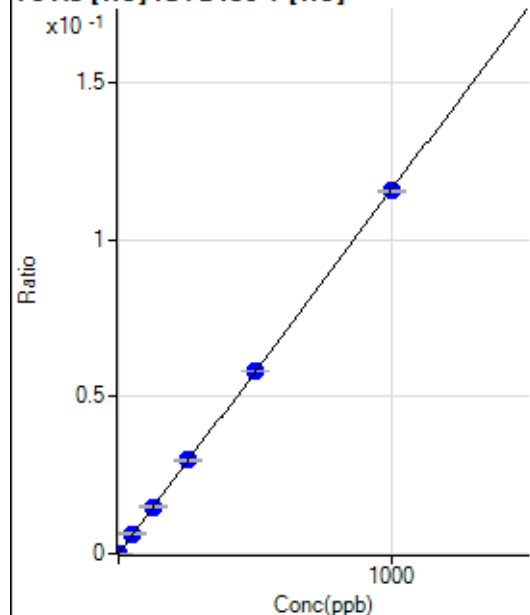
$$R = 0.9999$$

$$DL = 0.1925$$

$$BEC = 0.3955$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 11.11     | 0.0000 | P   | 46.2 |
| 2 | <input type="checkbox"/> | 1.000    | 1.026      | 685.58    | 0.0001 | P   | 2.8  |
| 3 | <input type="checkbox"/> | 50.000   | 55.018     | 34510.08  | 0.0064 | P   | 7.0  |
| 4 | <input type="checkbox"/> | 125.000  | 129.286    | 82155.49  | 0.0150 | P   | 1.1  |
| 5 | <input type="checkbox"/> | 250.000  | 257.446    | 158934.69 | 0.0298 | P   | 1.3  |
| 6 | <input type="checkbox"/> | 500.000  | 501.157    | 307185.43 | 0.0581 | P   | 0.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 996.774    | 603176.55 | 0.1155 | P   | 0.4  |
| 8 | <input type="checkbox"/> |          |            | 315.56    | 0.0001 | P   | 9.3  |

$$y = 1.1588E-004 * x + 1.9467E-006$$

$$R = 1.0000$$

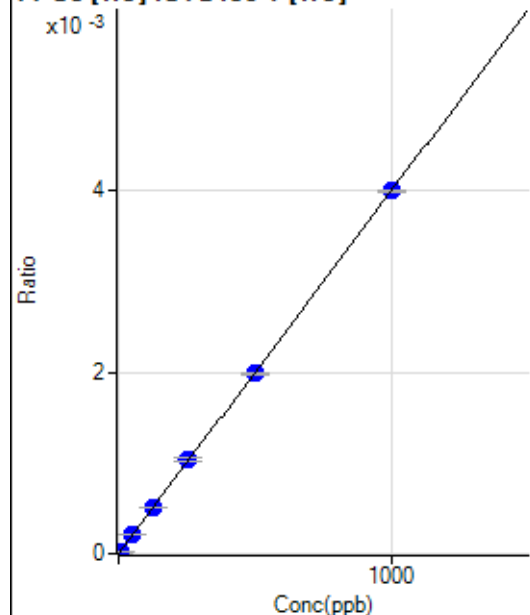
$$DL = 0.0233$$

$$BEC = 0.0168$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1.11     | 0.0000 | P    | 173. |
| 2 | <input type="checkbox"/> | 5.000    | 4.647      | 106.67   | 0.0000 | P    | 14.9 |
| 3 | <input type="checkbox"/> | 50.000   | 53.438     | 1158.95  | 0.0002 | P    | 4.9  |
| 4 | <input type="checkbox"/> | 125.000  | 126.818    | 2781.40  | 0.0005 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 250.000  | 259.205    | 5522.19  | 0.0010 | P    | 2.4  |
| 6 | <input type="checkbox"/> | 500.000  | 495.690    | 10484.90 | 0.0020 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 999.456    | 20870.32 | 0.0040 | P    | 0.7  |
| 8 | <input type="checkbox"/> |          |            | 3.33     | 0.0000 | P    | 0.7  |

$$y = 3.9988\text{E-}006 * x + 1.9525\text{E-}007$$

$$R = 0.9999$$

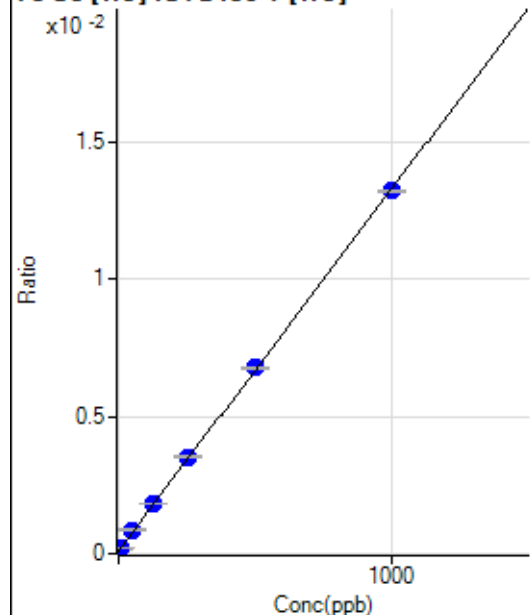
$$DL = 0.2537$$

$$BEC = 0.04883$$

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      | 646.69   | 0.0001 | P    | 12.1 |
| 2 | <input type="checkbox"/> | 5.000    | 5.827      | 1078.94  | 0.0002 | P    | 9.0  |
| 3 | <input type="checkbox"/> | 50.000   | 56.090     | 4608.54  | 0.0009 | P    | 10.4 |
| 4 | <input type="checkbox"/> | 125.000  | 129.793    | 10002.34 | 0.0018 | P    | 2.9  |
| 5 | <input type="checkbox"/> | 250.000  | 258.097    | 18726.36 | 0.0035 | P    | 2.0  |
| 6 | <input type="checkbox"/> | 500.000  | 505.004    | 35808.82 | 0.0068 | P    | 0.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 994.566    | 69051.07 | 0.0132 | P    | 0.6  |
| 8 | <input type="checkbox"/> |          |            | 527.79   | 0.0001 | P    | 8.1  |

$$y = 1.3182\text{E-}005 * x + 1.1317\text{E-}004$$

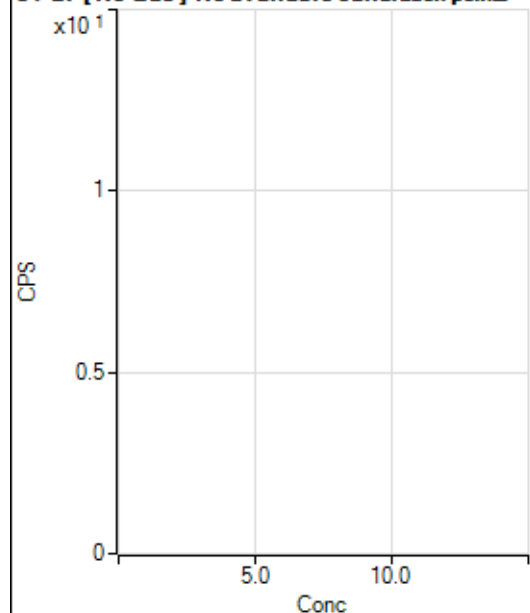
$$R = 0.9999$$

$$DL = 3.118$$

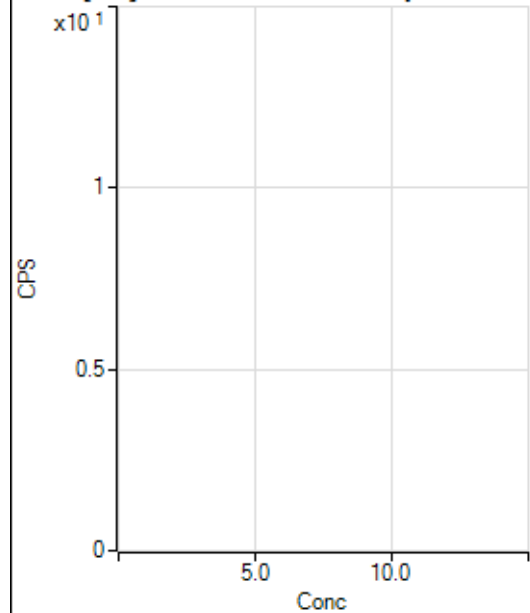
$$BEC = 8.585$$

Weight: &lt;None&gt;

Min Conc: 0

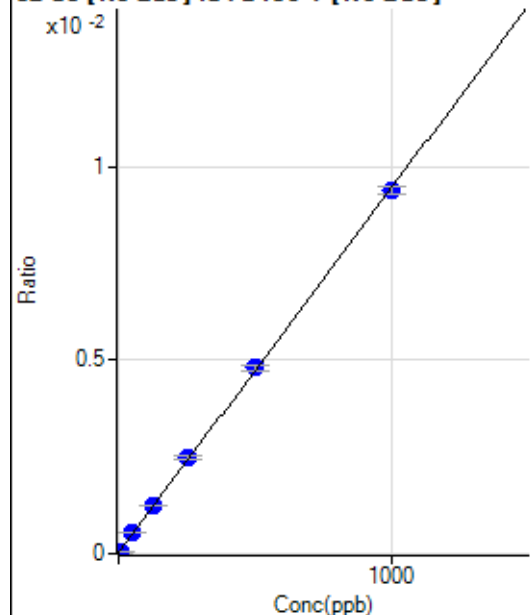
**81 Br [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 16558.31 |       | P        | 3.3 |
| 2 | <input type="checkbox"/> |       |            | 16562.75 |       | P        | 2.2 |
| 3 | <input type="checkbox"/> |       |            | 15876.41 |       | P        | 1.3 |
| 4 | <input type="checkbox"/> |       |            | 15123.40 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> |       |            | 14194.70 |       | P        | 3.3 |
| 6 | <input type="checkbox"/> |       |            | 13647.53 |       | P        | 2.7 |
| 7 | <input type="checkbox"/> |       |            | 13835.49 |       | P        | 1.5 |
| 8 | <input type="checkbox"/> |       |            | 14753.02 |       | P        | 1.7 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 118.89 |       | P        | 18.7 |
| 2 | <input type="checkbox"/> |       |            | 137.78 |       | P        | 30.6 |
| 3 | <input type="checkbox"/> |       |            | 107.78 |       | P        | 23.4 |
| 4 | <input type="checkbox"/> |       |            | 103.33 |       | P        | 12.9 |
| 5 | <input type="checkbox"/> |       |            | 93.33  |       | P        | 19.9 |
| 6 | <input type="checkbox"/> |       |            | 95.56  |       | P        | 28.2 |
| 7 | <input type="checkbox"/> |       |            | 112.23 |       | P        | 13.4 |
| 8 | <input type="checkbox"/> |       |            | 140.00 |       | P        | 6.3  |



**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      | 437.34    | 0.0000 | P    | 5.8  |
| 2 | <input type="checkbox"/> | 5.000    | 4.924      | 1257.65   | 0.0001 | P    | 8.7  |
| 3 | <input type="checkbox"/> | 50.000   | 54.548     | 9502.48   | 0.0005 | P    | 1.6  |
| 4 | <input type="checkbox"/> | 125.000  | 131.151    | 22074.92  | 0.0013 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 250.000  | 261.889    | 42879.33  | 0.0025 | P    | 2.7  |
| 6 | <input type="checkbox"/> | 500.000  | 508.378    | 82057.13  | 0.0048 | P    | 3.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 991.843    | 158835.53 | 0.0094 | P    | 2.1  |
| 8 | <input type="checkbox"/> |          |            | 559.94    | 0.0000 | P    | 17.6 |

$$y = 9.4164E-006 * x + 2.4271E-005$$

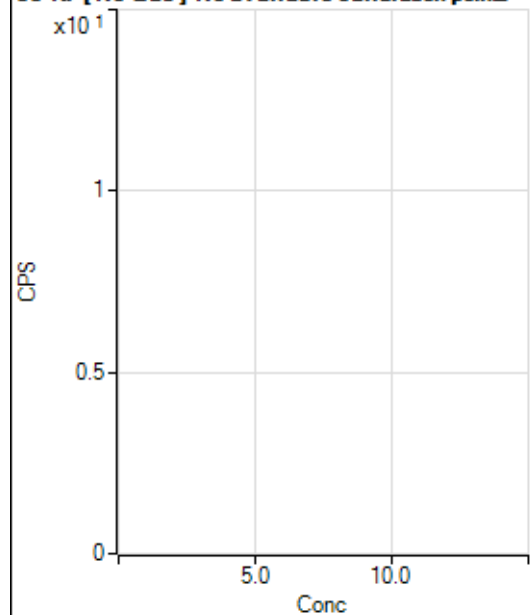
$$R = 0.9999$$

$$DL = 0.4454$$

$$BEC = 2.577$$

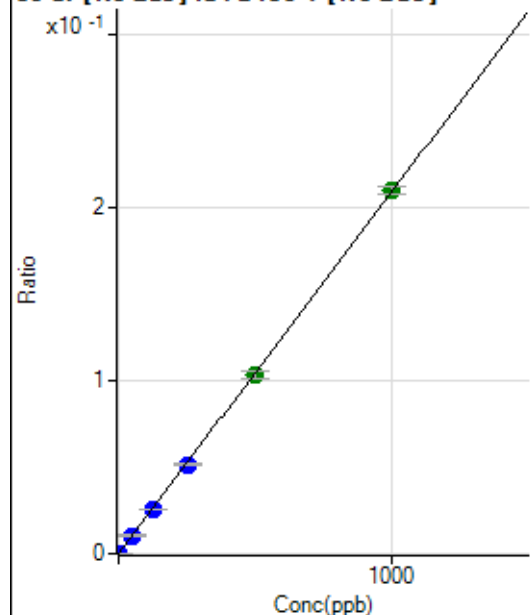
Weight: &lt;None&gt;

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"/> |       |            | 187.78 |       | P    | 20.6 |
| 2 | <input type="checkbox"/> |       |            | 192.23 |       | P    | 43.0 |
| 3 | <input type="checkbox"/> |       |            | 167.78 |       | P    | 14.0 |
| 4 | <input type="checkbox"/> |       |            | 183.34 |       | P    | 4.8  |
| 5 | <input type="checkbox"/> |       |            | 180.00 |       | P    | 4.9  |
| 6 | <input type="checkbox"/> |       |            | 152.23 |       | P    | 20.7 |
| 7 | <input type="checkbox"/> |       |            | 186.67 |       | P    | 7.8  |
| 8 | <input type="checkbox"/> |       |            | 224.45 |       | P    | 8.6  |

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      | 327.78     | 0.0000 | P   | 2.4 |
| 2 | <input type="checkbox"/> | 1.000    | 0.921      | 3741.63    | 0.0002 | P   | 3.2 |
| 3 | <input type="checkbox"/> | 50.000   | 50.356     | 185862.60  | 0.0105 | P   | 1.8 |
| 4 | <input type="checkbox"/> | 125.000  | 123.586    | 452214.49  | 0.0258 | P   | 0.8 |
| 5 | <input type="checkbox"/> | 250.000  | 246.123    | 884207.36  | 0.0514 | P   | 3.1 |
| 6 | <input type="checkbox"/> | 500.000  | 495.256    | 1761954.32 | 0.1033 | A   | 3.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 1003.500   | 3550775.36 | 0.2093 | A   | 2.2 |
| 8 | <input type="checkbox"/> |          |            | 11500.13   | 0.0007 | P   | 5.1 |

$$y = 2.0858\text{E-}004 * x + 1.8193\text{E-}005$$

$$R = 1.0000$$

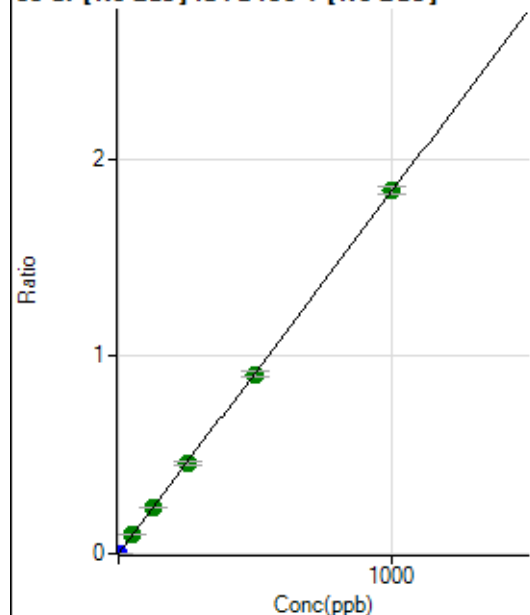
$$DL = 0.00631$$

$$BEC = 0.08722$$

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      | 192.23      | 0.0000 | P   | 17.2 |
| 2 | <input type="checkbox"/> | 1.000    | 0.922      | 30262.23    | 0.0017 | P   | 3.2  |
| 3 | <input type="checkbox"/> | 50.000   | 52.033     | 1686551.02  | 0.0955 | A   | 0.8  |
| 4 | <input type="checkbox"/> | 125.000  | 126.853    | 4079875.70  | 0.2327 | A   | 0.5  |
| 5 | <input type="checkbox"/> | 250.000  | 250.825    | 7922351.55  | 0.4602 | A   | 3.3  |
| 6 | <input type="checkbox"/> | 500.000  | 494.634    | 15476050.32 | 0.9074 | A   | 3.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 1002.143   | 31185014.81 | 1.8385 | A   | 2.2  |
| 8 | <input type="checkbox"/> |          |            | 99388.67    | 0.0061 | P   | 3.9  |

$$y = 0.0018 * x + 1.0693\text{E-}005$$

$$R = 1.0000$$

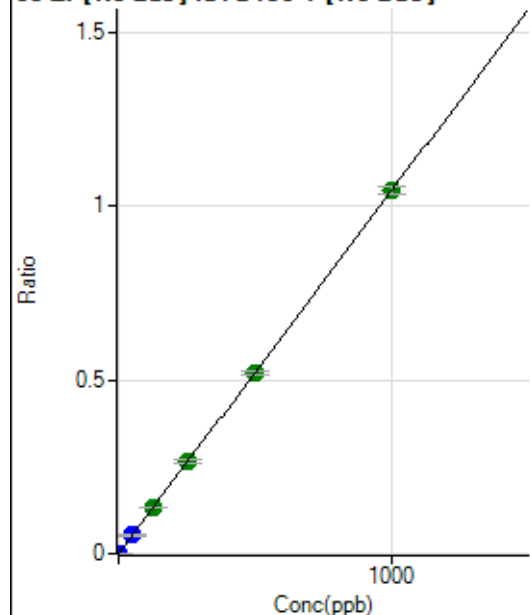
$$DL = 0.003013$$

$$BEC = 0.005829$$

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      | 611.13      | 0.0000 | P    | 8.5  |
| 2 | <input type="checkbox"/> | 1.000    | 0.939      | 18031.14    | 0.0010 | P    | 5.5  |
| 3 | <input type="checkbox"/> | 50.000   | 50.790     | 937874.20   | 0.0531 | P    | 2.2  |
| 4 | <input type="checkbox"/> | 125.000  | 127.659    | 2338571.54  | 0.1334 | A    | 1.0  |
| 5 | <input type="checkbox"/> | 250.000  | 253.489    | 4559626.53  | 0.2649 | A    | 3.6  |
| 6 | <input type="checkbox"/> | 500.000  | 497.782    | 8869670.49  | 0.5201 | A    | 3.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 999.865    | 17719177.10 | 1.0446 | A    | 2.0  |
| 8 | <input type="checkbox"/> |          |            | 14506.40    | 0.0009 | P    | 21.9 |

$$y = 0.0010 * x + 3.3919E-005$$

$$R = 1.0000$$

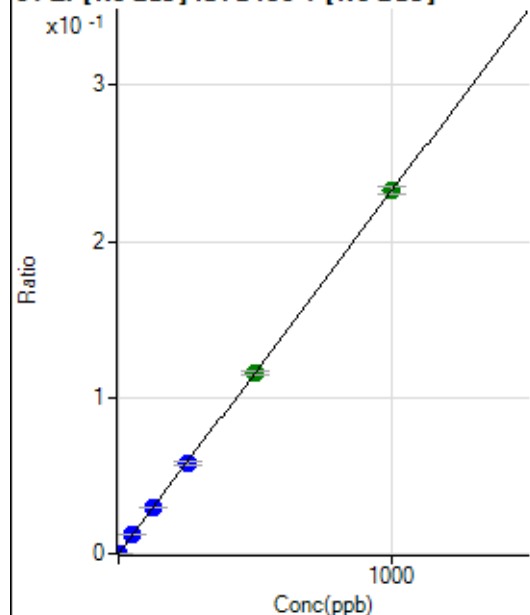
$$DL = 0.00832$$

$$BEC = 0.03247$$

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      | 111.11     | 0.0000 | P    | 5.9  |
| 2 | <input type="checkbox"/> | 1.000    | 0.971      | 4120.62    | 0.0002 | P    | 3.5  |
| 3 | <input type="checkbox"/> | 50.000   | 51.058     | 209573.49  | 0.0119 | P    | 1.3  |
| 4 | <input type="checkbox"/> | 125.000  | 125.136    | 509544.15  | 0.0291 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 250.000  | 249.020    | 995731.92  | 0.0578 | P    | 3.3  |
| 6 | <input type="checkbox"/> | 500.000  | 498.808    | 1975893.23 | 0.1158 | A    | 2.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.771   | 3942312.65 | 0.2324 | A    | 2.2  |
| 8 | <input type="checkbox"/> |          |            | 3151.50    | 0.0002 | P    | 22.0 |

$$y = 2.3223E-004 * x + 6.1725E-006$$

$$R = 1.0000$$

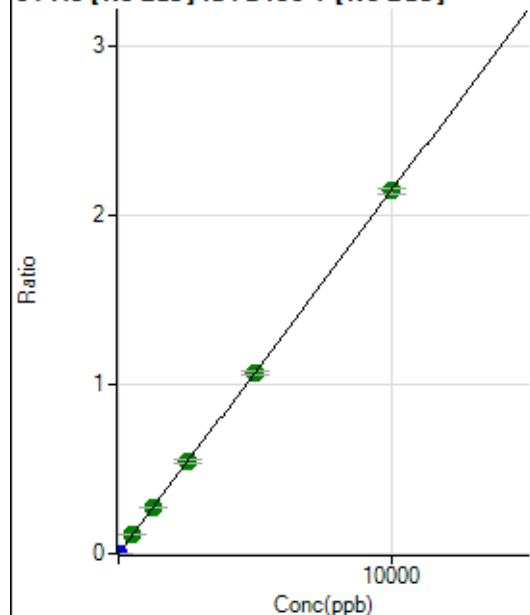
$$DL = 0.00467$$

$$BEC = 0.02658$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 262.23      | 0.0000 | P   | 15.5 |
| 2 | <input type="checkbox"/> | 5.000     | 5.651      | 21824.12    | 0.0012 | P   | 1.9  |
| 3 | <input type="checkbox"/> | 500.000   | 516.537    | 1957842.97  | 0.1108 | A   | 1.5  |
| 4 | <input type="checkbox"/> | 1250.000  | 1266.899   | 4764872.12  | 0.2718 | A   | 1.2  |
| 5 | <input type="checkbox"/> | 2500.000  | 2527.413   | 9335037.08  | 0.5422 | A   | 3.4  |
| 6 | <input type="checkbox"/> | 5000.000  | 4990.683   | 18260831.53 | 1.0707 | A   | 2.7  |
| 7 | <input type="checkbox"/> | 10000.000 | 9994.866   | 36372348.35 | 2.1442 | A   | 1.9  |
| 8 | <input type="checkbox"/> |           |            | 17308.04    | 0.0011 | P   | 36.9 |

$$y = 2.1453\text{E-}004 * x + 1.4534\text{E-}005$$

$$R = 1.0000$$

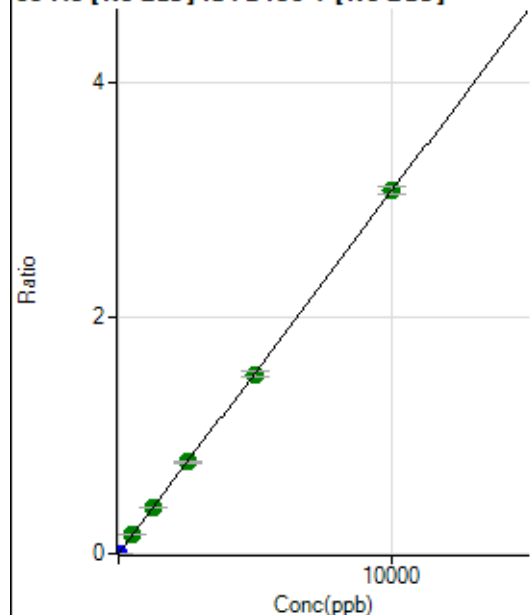
$$DL = 0.03155$$

$$BEC = 0.06775$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 107.78      | 0.0000 | P   | 19.2 |
| 2 | <input type="checkbox"/> | 5.000     | 4.772      | 26197.93    | 0.0015 | P   | 1.7  |
| 3 | <input type="checkbox"/> | 500.000   | 515.633    | 2800089.44  | 0.1585 | A   | 3.2  |
| 4 | <input type="checkbox"/> | 1250.000  | 1274.513   | 6869136.42  | 0.3918 | A   | 0.9  |
| 5 | <input type="checkbox"/> | 2500.000  | 2521.215   | 13345000.08 | 0.7751 | A   | 3.4  |
| 6 | <input type="checkbox"/> | 5000.000  | 4960.511   | 26012306.56 | 1.5251 | A   | 2.4  |
| 7 | <input type="checkbox"/> | 10000.000 | 10010.595  | 52204884.22 | 3.0777 | A   | 2.2  |
| 8 | <input type="checkbox"/> |           |            | 20371.94    | 0.0013 | P   | 44.1 |

$$y = 3.0744\text{E-}004 * x + 5.9779\text{E-}006$$

$$R = 1.0000$$

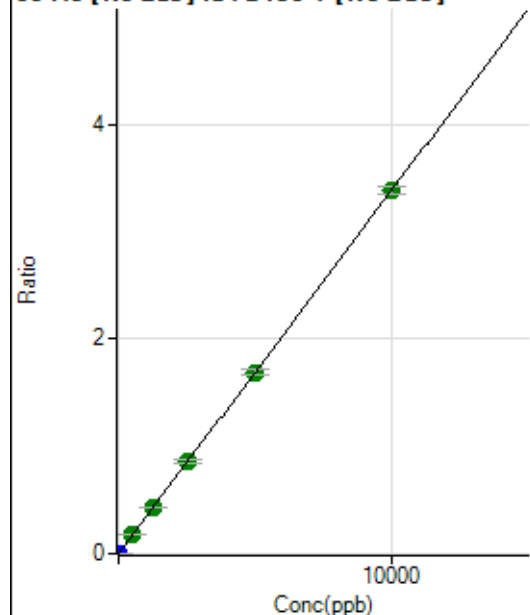
$$DL = 0.01122$$

$$BEC = 0.01944$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 182.23      | 0.0000 | P   | 11.9 |
| 2 | <input type="checkbox"/> | 5.000     | 4.877      | 29545.43    | 0.0017 | P   | 2.1  |
| 3 | <input type="checkbox"/> | 500.000   | 519.531    | 3106600.09  | 0.1759 | A   | 3.2  |
| 4 | <input type="checkbox"/> | 1250.000  | 1284.238   | 7621333.29  | 0.4347 | A   | 1.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2531.491   | 14753774.92 | 0.8570 | A   | 3.5  |
| 6 | <input type="checkbox"/> | 5000.000  | 4991.756   | 28820620.96 | 1.6898 | A   | 2.8  |
| 7 | <input type="checkbox"/> | 10000.000 | 9990.993   | 57371641.36 | 3.3822 | A   | 2.0  |
| 8 | <input type="checkbox"/> |           |            | 32114.72    | 0.0020 | P   | 32.0 |

$$y = 3.3852E-004 * x + 1.0116E-005$$

$$R = 1.0000$$

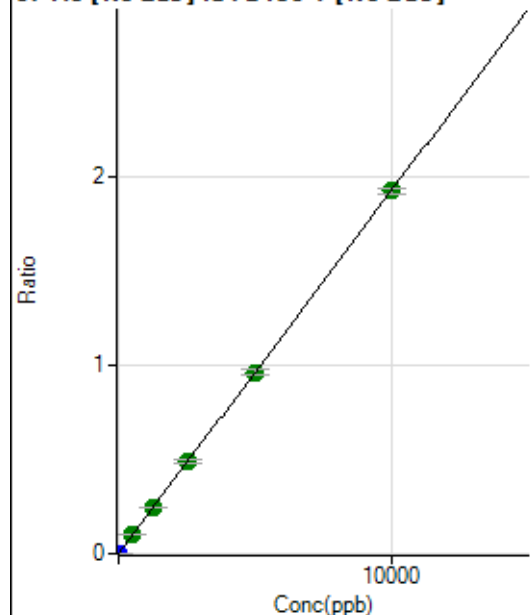
$$DL = 0.01067$$

$$BEC = 0.02988$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 82.22       | 0.0000 | P   | 6.6  |
| 2 | <input type="checkbox"/> | 5.000     | 4.855      | 16738.57    | 0.0009 | P   | 2.2  |
| 3 | <input type="checkbox"/> | 500.000   | 516.632    | 1760650.16  | 0.0997 | A   | 2.6  |
| 4 | <input type="checkbox"/> | 1250.000  | 1291.036   | 4366500.07  | 0.2491 | A   | 0.9  |
| 5 | <input type="checkbox"/> | 2500.000  | 2536.821   | 8427200.85  | 0.4894 | A   | 2.8  |
| 6 | <input type="checkbox"/> | 5000.000  | 4983.378   | 16396014.48 | 0.9614 | A   | 3.3  |
| 7 | <input type="checkbox"/> | 10000.000 | 9993.145   | 32704595.62 | 1.9279 | A   | 1.5  |
| 8 | <input type="checkbox"/> |           |            | 12549.66    | 0.0008 | P   | 45.1 |

$$y = 1.9293E-004 * x + 4.5615E-006$$

$$R = 1.0000$$

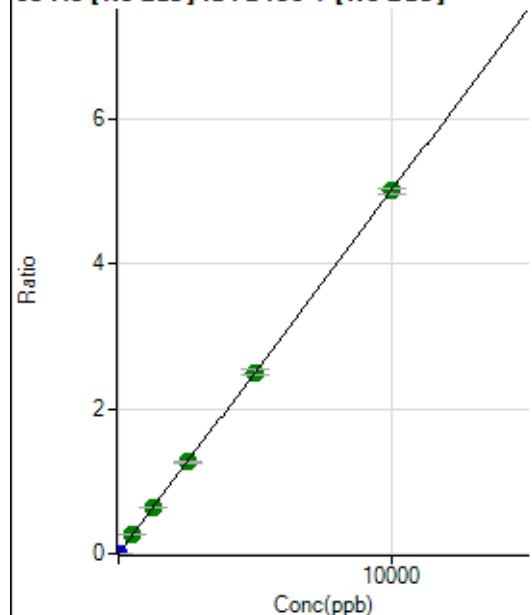
$$DL = 0.00467$$

$$BEC = 0.02364$$

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      | 176.67      | 0.0000 | P   | 14.6 |
| 2 | <input type="checkbox"/> | 5.000     | 4.786      | 42775.80    | 0.0024 | P   | 2.4  |
| 3 | <input type="checkbox"/> | 500.000   | 518.544    | 4585124.24  | 0.2596 | A   | 2.2  |
| 4 | <input type="checkbox"/> | 1250.000  | 1271.764   | 11159940.25 | 0.6366 | A   | 0.9  |
| 5 | <input type="checkbox"/> | 2500.000  | 2534.969   | 21849128.84 | 1.2689 | A   | 2.7  |
| 6 | <input type="checkbox"/> | 5000.000  | 4988.540   | 42584189.64 | 2.4970 | A   | 3.4  |
| 7 | <input type="checkbox"/> | 10000.000 | 9993.340   | 84854078.74 | 5.0022 | A   | 1.7  |
| 8 | <input type="checkbox"/> |           |            | 31855.39    | 0.0020 | P   | 48.6 |

$$y = 5.0055\text{E-}004 * x + 9.7952\text{E-}006$$

$$R = 1.0000$$

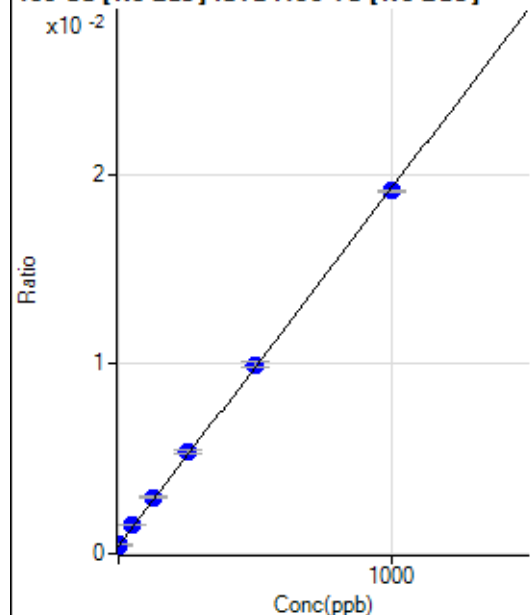
$$DL = 0.008553$$

$$BEC = 0.01957$$

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      | 6661.59   | 0.0004 | P   | 4.2 |
| 2 | <input type="checkbox"/> | 1.000    | 1.035      | 6856.12   | 0.0005 | P   | 0.7 |
| 3 | <input type="checkbox"/> | 50.000   | 56.717     | 22513.09  | 0.0015 | P   | 0.2 |
| 4 | <input type="checkbox"/> | 125.000  | 134.920    | 44447.75  | 0.0030 | P   | 0.8 |
| 5 | <input type="checkbox"/> | 250.000  | 263.468    | 81036.45  | 0.0054 | P   | 3.3 |
| 6 | <input type="checkbox"/> | 500.000  | 506.332    | 150548.76 | 0.0100 | P   | 3.9 |
| 7 | <input type="checkbox"/> | 1000.000 | 991.891    | 288821.75 | 0.0191 | P   | 0.8 |
| 8 | <input type="checkbox"/> |          |            | 6213.61   | 0.0004 | P   | 2.6 |

$$y = 1.8846\text{E-}005 * x + 4.4569\text{E-}004$$

$$R = 0.9998$$

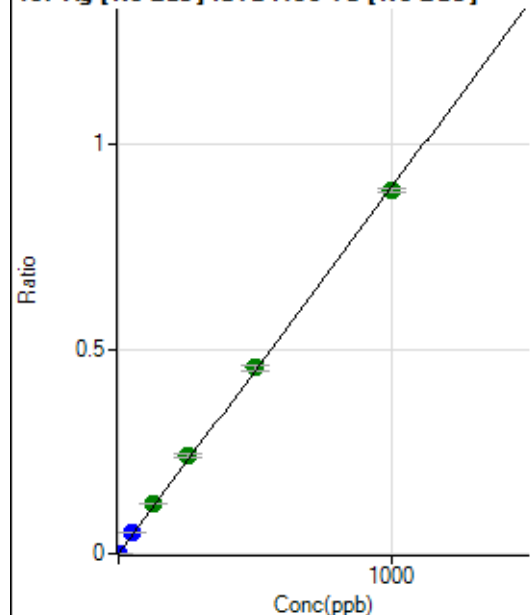
$$DL = 2.947$$

$$BEC = 23.65$$

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      | 113.34      | 0.0000 | P   | 25.7 |
| 2 | <input type="checkbox"/> | 1.000    | 1.002      | 13335.09    | 0.0009 | P   | 2.5  |
| 3 | <input type="checkbox"/> | 50.000   | 55.320     | 736449.67   | 0.0495 | P   | 0.6  |
| 4 | <input type="checkbox"/> | 125.000  | 138.157    | 1840252.47  | 0.1237 | A   | 0.3  |
| 5 | <input type="checkbox"/> | 250.000  | 265.991    | 3567055.40  | 0.2382 | A   | 3.7  |
| 6 | <input type="checkbox"/> | 500.000  | 507.471    | 6850482.47  | 0.4544 | A   | 3.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 990.356    | 13382912.58 | 0.8869 | A   | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 4274.10     | 0.0003 | P   | 45.0 |

$$y = 8.9549\text{E-}004 * x + 7.5847\text{E-}006$$

$$R = 0.9998$$

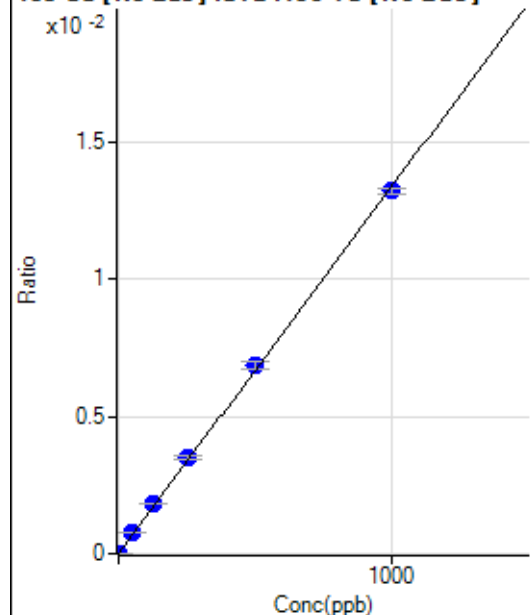
$$DL = 0.006519$$

$$BEC = 0.00847$$

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      | 10.00     | 0.0000 | P   | 57.8 |
| 2 | <input type="checkbox"/> | 1.000    | 1.011      | 208.89    | 0.0000 | P   | 2.5  |
| 3 | <input type="checkbox"/> | 50.000   | 56.375     | 11202.18  | 0.0008 | P   | 0.3  |
| 4 | <input type="checkbox"/> | 125.000  | 136.177    | 27063.09  | 0.0018 | P   | 0.4  |
| 5 | <input type="checkbox"/> | 250.000  | 262.674    | 52553.59  | 0.0035 | P   | 3.0  |
| 6 | <input type="checkbox"/> | 500.000  | 512.561    | 103199.15 | 0.0068 | P   | 3.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 988.835    | 199301.73 | 0.0132 | P   | 1.6  |
| 8 | <input type="checkbox"/> |          |            | 126.67    | 0.0000 | P   | 51.4 |

$$y = 1.3356\text{E-}005 * x + 6.6939\text{E-}007$$

$$R = 0.9998$$

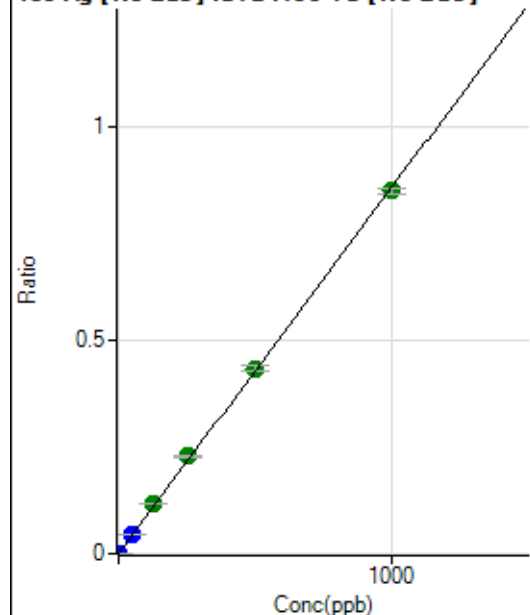
$$DL = 0.08698$$

$$BEC = 0.05012$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 31.11       | 0.0000 | P   | 44.3 |
| 2 | <input type="checkbox"/> | 1.000    | 1.002      | 12710.10    | 0.0009 | P   | 2.9  |
| 3 | <input type="checkbox"/> | 50.000   | 54.901     | 700922.78   | 0.0472 | P   | 0.6  |
| 4 | <input type="checkbox"/> | 125.000  | 137.426    | 1755620.53  | 0.1180 | A   | 0.2  |
| 5 | <input type="checkbox"/> | 250.000  | 266.331    | 3425779.26  | 0.2287 | A   | 3.2  |
| 6 | <input type="checkbox"/> | 500.000  | 505.270    | 6541963.03  | 0.4340 | A   | 3.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 991.484    | 12850197.03 | 0.8516 | A   | 1.4  |
| 8 | <input type="checkbox"/> |          |            | 4017.36     | 0.0003 | P   | 48.7 |

$$y = 8.5888\text{E-}004 * x + 2.0793\text{E-}006$$

$$R = 0.9998$$

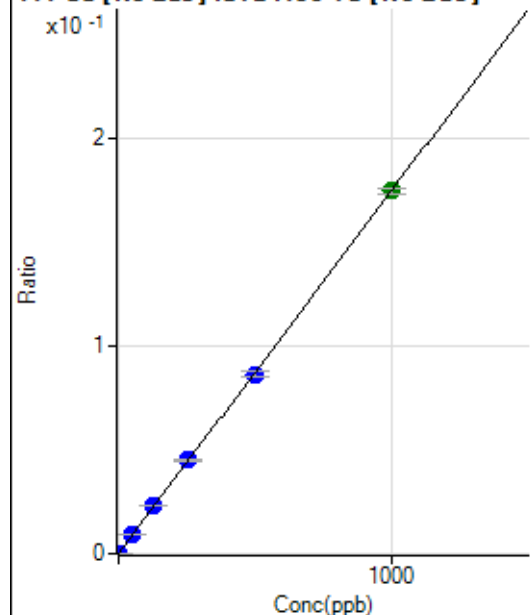
$$DL = 0.00322$$

$$BEC = 0.002421$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1335.32    | 0.0001 | P   | 4.0  |
| 2 | <input type="checkbox"/> | 1.000    | 1.063      | 4051.97    | 0.0003 | P   | 1.3  |
| 3 | <input type="checkbox"/> | 50.000   | 54.577     | 142941.50  | 0.0096 | P   | 1.8  |
| 4 | <input type="checkbox"/> | 125.000  | 132.522    | 345406.95  | 0.0232 | P   | 1.0  |
| 5 | <input type="checkbox"/> | 250.000  | 257.355    | 674181.04  | 0.0450 | P   | 3.1  |
| 6 | <input type="checkbox"/> | 500.000  | 494.355    | 1302129.00 | 0.0864 | P   | 3.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 999.814    | 2635234.48 | 0.1746 | A   | 1.7  |
| 8 | <input type="checkbox"/> |          |            | 2151.88    | 0.0001 | P   | 18.1 |

$$y = 1.7457\text{E-}004 * x + 8.9336\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.06171$$

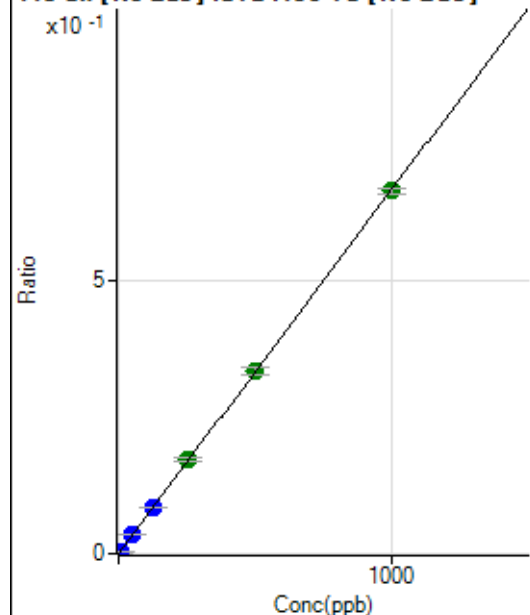
$$BEC = 0.5117$$

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      | 738.90      | 0.0000 | P   | 6.6  |
| 2 | <input type="checkbox"/> | 5.000    | 4.542      | 45452.92    | 0.0031 | P   | 1.1  |
| 3 | <input type="checkbox"/> | 50.000   | 52.138     | 518571.73   | 0.0349 | P   | 1.0  |
| 4 | <input type="checkbox"/> | 125.000  | 128.013    | 1272936.47  | 0.0856 | P   | 1.0  |
| 5 | <input type="checkbox"/> | 250.000  | 258.325    | 2585910.04  | 0.1727 | A   | 2.9  |
| 6 | <input type="checkbox"/> | 500.000  | 500.646    | 5043203.61  | 0.3346 | A   | 3.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 997.115    | 10054296.20 | 0.6663 | A   | 1.6  |
| 8 | <input type="checkbox"/> |          |            | 4771.23     | 0.0003 | P   | 34.8 |

$$y = 6.6819\text{E-}004 * x + 4.9456\text{E-}005$$

$$R = 1.0000$$

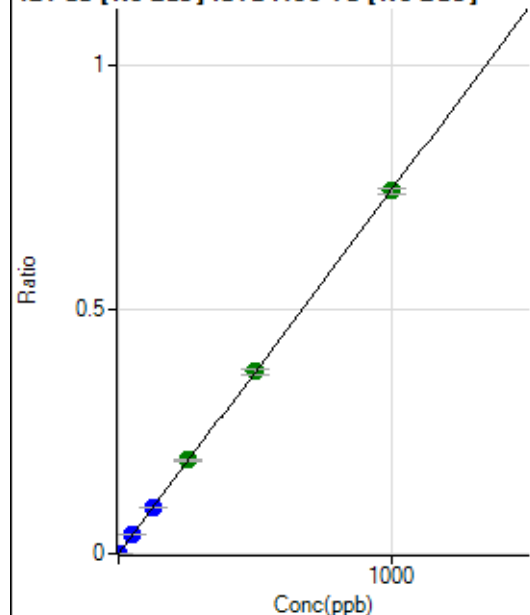
$$DL = 0.01469$$

$$BEC = 0.07401$$

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      | 25.55       | 0.0000 | P   | 41.4 |
| 2 | <input type="checkbox"/> | 2.000    | 1.929      | 21207.94    | 0.0014 | P   | 1.2  |
| 3 | <input type="checkbox"/> | 50.000   | 51.490     | 570408.84   | 0.0384 | P   | 0.7  |
| 4 | <input type="checkbox"/> | 125.000  | 126.845    | 1405990.22  | 0.0945 | P   | 1.0  |
| 5 | <input type="checkbox"/> | 250.000  | 257.690    | 2876348.88  | 0.1920 | A   | 2.7  |
| 6 | <input type="checkbox"/> | 500.000  | 499.890    | 5615397.83  | 0.3725 | A   | 3.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 997.827    | 11220843.30 | 0.7436 | A   | 1.8  |
| 8 | <input type="checkbox"/> |          |            | 6596.10     | 0.0005 | P   | 27.2 |

$$y = 7.4525\text{E-}004 * x + 1.7054\text{E-}006$$

$$R = 1.0000$$

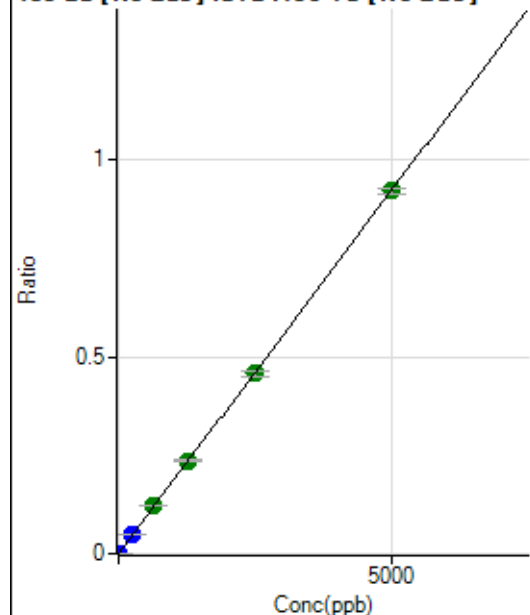
$$DL = 0.002839$$

$$BEC = 0.002288$$

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 | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 68.89       | 0.0000 | P   | 30.1 |
| 2 | <input type="checkbox"/> | 10.000   | 9.859      | 26875.37    | 0.0018 | P   | 1.4  |
| 3 | <input type="checkbox"/> | 250.000  | 254.777    | 698733.24   | 0.0470 | P   | 0.6  |
| 4 | <input type="checkbox"/> | 625.000  | 652.217    | 1789863.27  | 0.1203 | A   | 0.7  |
| 5 | <input type="checkbox"/> | 1250.000 | 1283.886   | 3547445.02  | 0.2369 | A   | 3.3  |
| 6 | <input type="checkbox"/> | 2500.000 | 2485.610   | 6913256.49  | 0.4586 | A   | 3.0  |
| 7 | <input type="checkbox"/> | 5000.000 | 4995.083   | 13906078.27 | 0.9216 | A   | 1.3  |
| 8 | <input type="checkbox"/> |          |            | 7991.34     | 0.0006 | P   | 28.4 |

$$y = 1.8449\text{E-}004 * x + 4.6007\text{E-}006$$

$$R = 1.0000$$

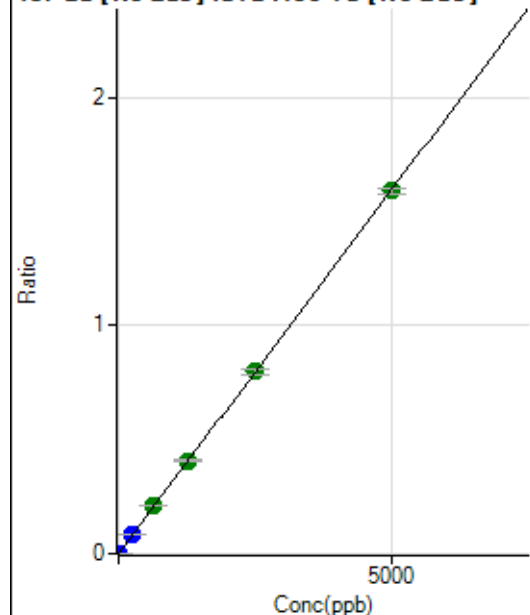
$$DL = 0.02253$$

$$BEC = 0.02494$$

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 | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 97.78       | 0.0000 | P   | 33.4 |
| 2 | <input type="checkbox"/> | 10.000   | 9.834      | 46282.80    | 0.0031 | P   | 1.8  |
| 3 | <input type="checkbox"/> | 250.000  | 256.088    | 1213243.68  | 0.0816 | P   | 0.5  |
| 4 | <input type="checkbox"/> | 625.000  | 653.945    | 3099877.21  | 0.2084 | A   | 1.1  |
| 5 | <input type="checkbox"/> | 1250.000 | 1278.365   | 6102003.66  | 0.4074 | A   | 2.8  |
| 6 | <input type="checkbox"/> | 2500.000 | 2500.439   | 12014149.96 | 0.7969 | A   | 2.8  |
| 7 | <input type="checkbox"/> | 5000.000 | 4988.767   | 23992432.42 | 1.5899 | A   | 1.2  |
| 8 | <input type="checkbox"/> |          |            | 14198.71    | 0.0010 | P   | 27.3 |

$$y = 3.1870\text{E-}004 * x + 6.5585\text{E-}006$$

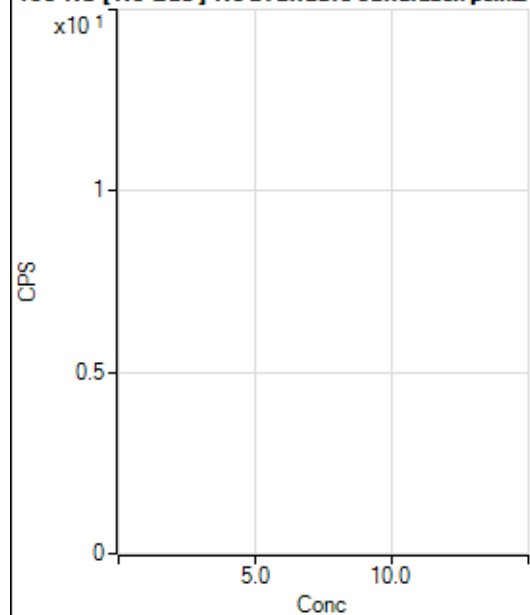
$$R = 1.0000$$

$$DL = 0.02061$$

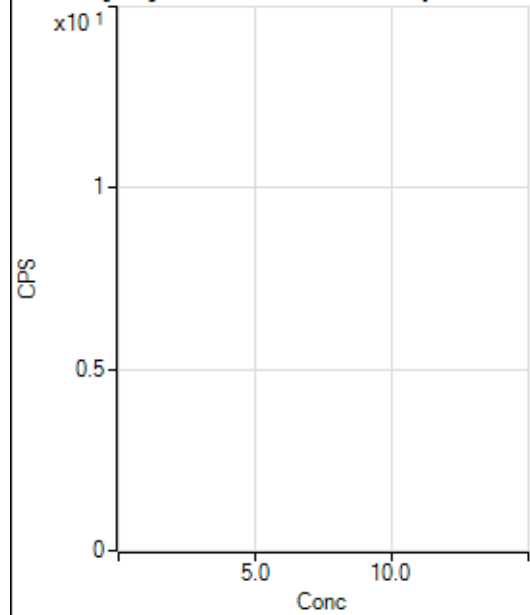
$$BEC = 0.02058$$

Weight: &lt;None&gt;

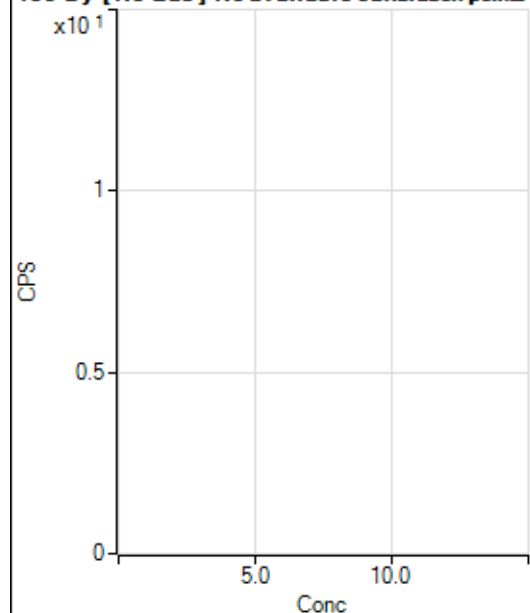
Min Conc: 0

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

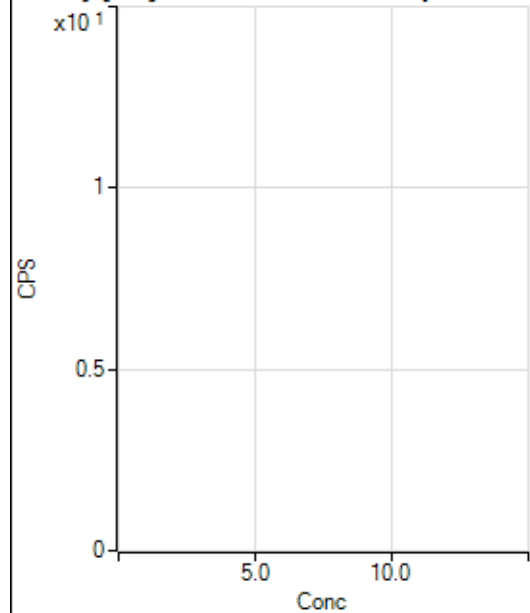
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            | 4.44   |       | P        | 43.4 |
| 3 | <input type="checkbox"/> |       |            | 51.11  |       | P        | 27.2 |
| 4 | <input type="checkbox"/> |       |            | 132.23 |       | P        | 8.9  |
| 5 | <input type="checkbox"/> |       |            | 213.34 |       | P        | 14.9 |
| 6 | <input type="checkbox"/> |       |            | 402.24 |       | P        | 8.9  |
| 7 | <input type="checkbox"/> |       |            | 828.92 |       | P        | 2.4  |
| 8 | <input type="checkbox"/> |       |            | 227.78 |       | P        | 18.3 |

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

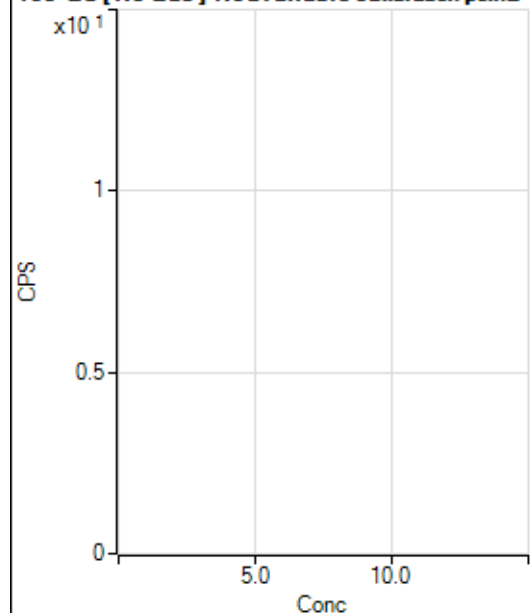
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 4.44   |       | P        | 43.4 |
| 2 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 100. |
| 3 | <input type="checkbox"/> |       |            | 23.33  |       | P        | 28.6 |
| 4 | <input type="checkbox"/> |       |            | 43.33  |       | P        | 23.1 |
| 5 | <input type="checkbox"/> |       |            | 55.55  |       | P        | 28.4 |
| 6 | <input type="checkbox"/> |       |            | 125.56 |       | P        | 8.1  |
| 7 | <input type="checkbox"/> |       |            | 241.12 |       | P        | 14.2 |
| 8 | <input type="checkbox"/> |       |            | 164.45 |       | P        | 5.1  |

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

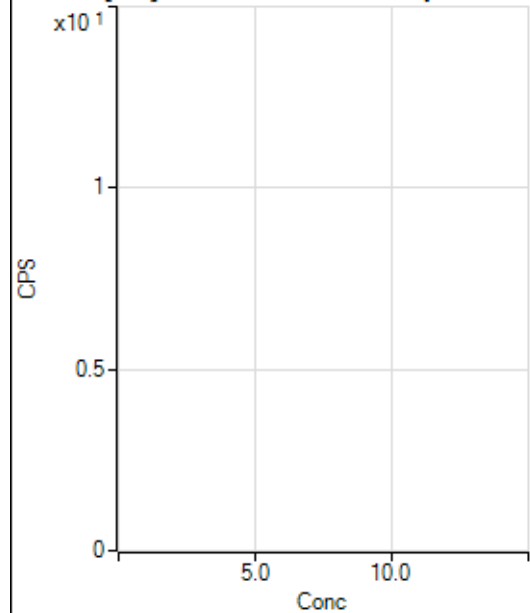
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 17.78  |       | P        | 43.3 |
| 2 | <input type="checkbox"/> |       |            | 17.78  |       | P        | 28.6 |
| 3 | <input type="checkbox"/> |       |            | 22.22  |       | P        | 60.6 |
| 4 | <input type="checkbox"/> |       |            | 40.00  |       | P        | 25.0 |
| 5 | <input type="checkbox"/> |       |            | 80.00  |       | P        | 0.0  |
| 6 | <input type="checkbox"/> |       |            | 147.78 |       | P        | 4.7  |
| 7 | <input type="checkbox"/> |       |            | 244.45 |       | P        | 2.8  |
| 8 | <input type="checkbox"/> |       |            | 396.68 |       | P        | 16.6 |

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

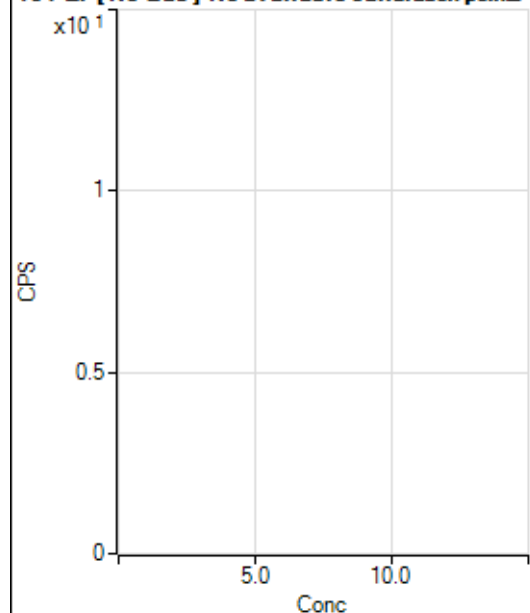
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 2.22   |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            | 7.78   |       | P        | 49.5 |
| 3 | <input type="checkbox"/> |       |            | 85.56  |       | P        | 29.5 |
| 4 | <input type="checkbox"/> |       |            | 101.11 |       | P        | 19.9 |
| 5 | <input type="checkbox"/> |       |            | 225.56 |       | P        | 19.5 |
| 6 | <input type="checkbox"/> |       |            | 407.79 |       | P        | 9.1  |
| 7 | <input type="checkbox"/> |       |            | 840.03 |       | P        | 1.6  |
| 8 | <input type="checkbox"/> |       |            | 395.57 |       | P        | 8.3  |

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

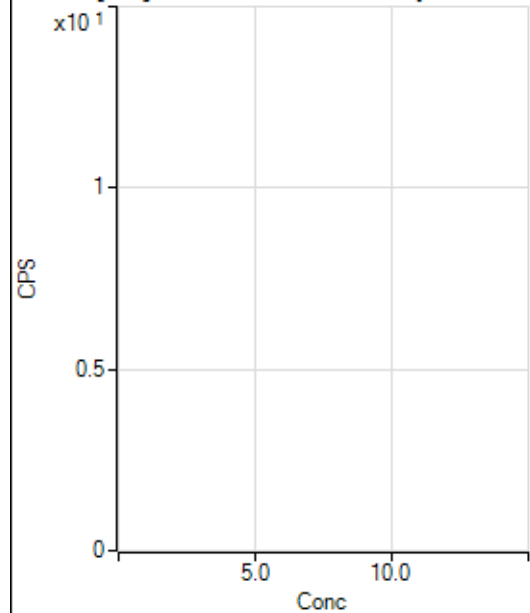
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 45.56  |       | P        | 11.2 |
| 2 | <input type="checkbox"/> |       |            | 51.11  |       | P        | 19.9 |
| 3 | <input type="checkbox"/> |       |            | 50.00  |       | P        | 11.5 |
| 4 | <input type="checkbox"/> |       |            | 73.33  |       | P        | NaN  |
| 5 | <input type="checkbox"/> |       |            | 75.56  |       | P        | 28.4 |
| 6 | <input type="checkbox"/> |       |            | 118.89 |       | P        | 21.8 |
| 7 | <input type="checkbox"/> |       |            | 127.78 |       | P        | 10.9 |
| 8 | <input type="checkbox"/> |       |            | 428.90 |       | P        | 9.4  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 540.02 |       | P        | 6.9  |
| 2 | <input type="checkbox"/> |       |            | 541.13 |       | P        | 5.7  |
| 3 | <input type="checkbox"/> |       |            | 494.46 |       | P        | 7.3  |
| 4 | <input type="checkbox"/> |       |            | 552.24 |       | P        | 2.1  |
| 5 | <input type="checkbox"/> |       |            | 584.46 |       | P        | 5.3  |
| 6 | <input type="checkbox"/> |       |            | 572.24 |       | P        | 8.9  |
| 7 | <input type="checkbox"/> |       |            | 597.80 |       | P        | 10.1 |
| 8 | <input type="checkbox"/> |       |            | 812.25 |       | P        | 5.9  |

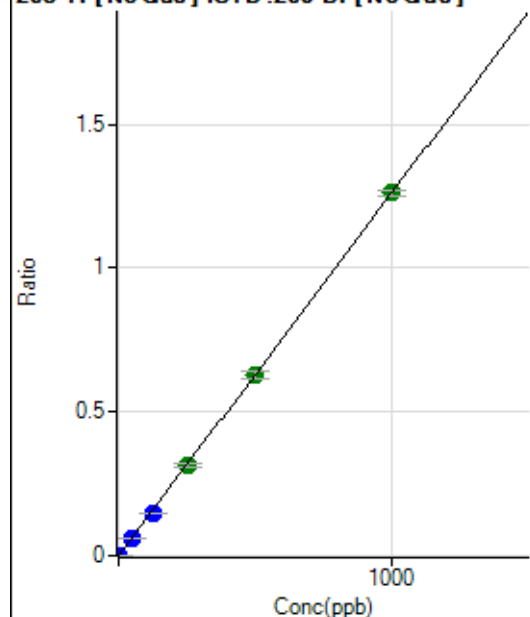
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 60.00  |       | P        | 9.6  |
| 2 | <input type="checkbox"/> |       |            | 72.22  |       | P        | 13.3 |
| 3 | <input type="checkbox"/> |       |            | 71.11  |       | P        | 5.4  |
| 4 | <input type="checkbox"/> |       |            | 107.78 |       | P        | 31.1 |
| 5 | <input type="checkbox"/> |       |            | 121.11 |       | P        | 4.2  |
| 6 | <input type="checkbox"/> |       |            | 123.34 |       | P        | 11.8 |
| 7 | <input type="checkbox"/> |       |            | 196.67 |       | P        | 6.8  |
| 8 | <input type="checkbox"/> |       |            | 531.13 |       | P        | 6.5  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 60.00  |       | P        | 29.4 |
| 2 | <input type="checkbox"/> |       |            | 54.45  |       | P        | 44.3 |
| 3 | <input type="checkbox"/> |       |            | 55.56  |       | P        | 33.0 |
| 4 | <input type="checkbox"/> |       |            | 87.78  |       | P        | 21.6 |
| 5 | <input type="checkbox"/> |       |            | 73.33  |       | P        | 19.8 |
| 6 | <input type="checkbox"/> |       |            | 93.33  |       | P        | 38.6 |
| 7 | <input type="checkbox"/> |       |            | 126.67 |       | P        | 22.9 |
| 8 | <input type="checkbox"/> |       |            | 395.57 |       | P        | 3.5  |

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 131.12      | 0.0000 | P   | 31.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.868      | 9644.59     | 0.0011 | P   | 3.1  |
| 3 | <input type="checkbox"/> | 50.000   | 47.982     | 526948.54   | 0.0604 | P   | 1.6  |
| 4 | <input type="checkbox"/> | 125.000  | 116.431    | 1312377.98  | 0.1466 | P   | 0.9  |
| 5 | <input type="checkbox"/> | 250.000  | 249.154    | 2834337.39  | 0.3137 | A   | 3.1  |
| 6 | <input type="checkbox"/> | 500.000  | 500.325    | 5661849.95  | 0.6300 | A   | 3.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 1001.221   | 11253144.69 | 1.2607 | A   | 1.4  |
| 8 | <input type="checkbox"/> |          |            | 3272.74     | 0.0004 | P   | 54.8 |

$$y = 0.0013 * x + 1.4843E-005$$

$$R = 1.0000$$

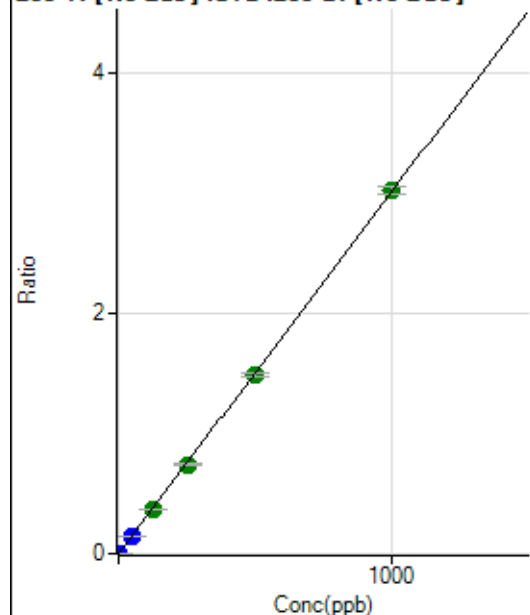
$$DL = 0.0112$$

$$BEC = 0.01179$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 351.12      | 0.0000 | P   | 4.9  |
| 2 | <input type="checkbox"/> | 1.000    | 0.860      | 22886.09    | 0.0026 | P   | 2.1  |
| 3 | <input type="checkbox"/> | 50.000   | 47.359     | 1242424.45  | 0.1425 | P   | 1.8  |
| 4 | <input type="checkbox"/> | 125.000  | 122.658    | 3302424.15  | 0.3690 | A   | 1.3  |
| 5 | <input type="checkbox"/> | 250.000  | 247.112    | 6715525.66  | 0.7433 | A   | 2.5  |
| 6 | <input type="checkbox"/> | 500.000  | 495.651    | 13401008.83 | 1.4909 | A   | 2.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 1003.321   | 26934830.43 | 3.0179 | A   | 2.1  |
| 8 | <input type="checkbox"/> |          |            | 7483.64     | 0.0009 | P   | 50.3 |

$$y = 0.0030 * x + 3.9866E-005$$

$$R = 1.0000$$

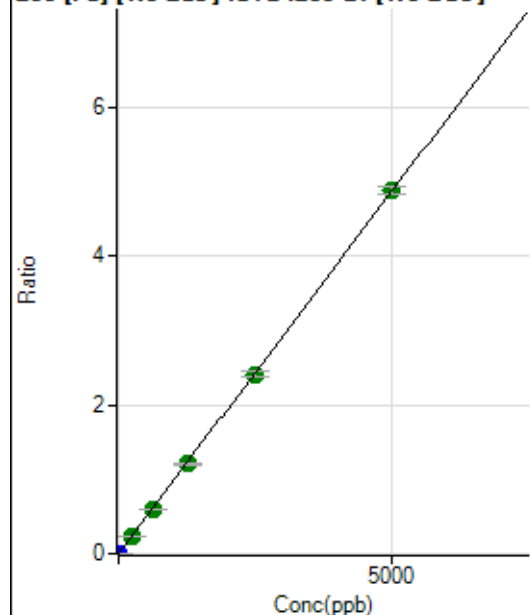
$$DL = 0.001935$$

$$BEC = 0.01325$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 808.92      | 0.0001 | P   | 4.4  |
| 2 | <input type="checkbox"/> | 1.000    | 0.914      | 8553.88     | 0.0010 | P   | 3.4  |
| 3 | <input type="checkbox"/> | 250.000  | 251.148    | 2134042.12  | 0.2447 | A   | 0.9  |
| 4 | <input type="checkbox"/> | 625.000  | 613.632    | 5350494.47  | 0.5978 | A   | 1.1  |
| 5 | <input type="checkbox"/> | 1250.000 | 1238.850   | 10902003.86 | 1.2068 | A   | 3.0  |
| 6 | <input type="checkbox"/> | 2500.000 | 2481.780   | 21726676.20 | 2.4174 | A   | 3.5  |
| 7 | <input type="checkbox"/> | 5000.000 | 5013.261   | 43583629.35 | 4.8832 | A   | 2.0  |
| 8 | <input type="checkbox"/> |          |            | 14529.20    | 0.0018 | P   | 46.9 |

$$y = 9.7404\text{E-}004 * x + 9.1837\text{E-}005$$

$$R = 1.0000$$

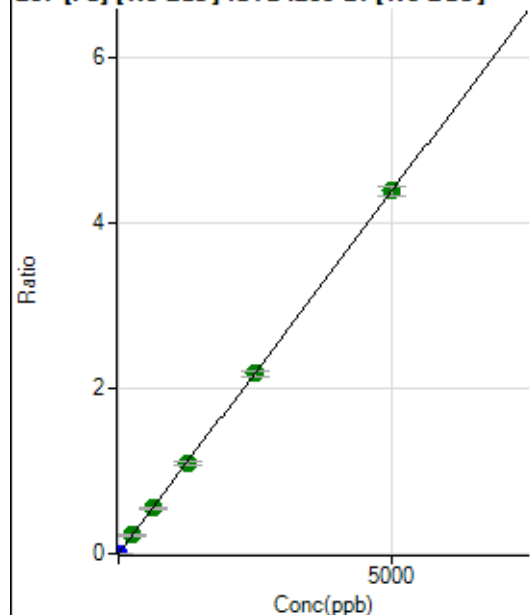
$$DL = 0.01255$$

$$BEC = 0.09428$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 771.14      | 0.0001 | P   | 7.8  |
| 2 | <input type="checkbox"/> | 1.000    | 0.900      | 7619.98     | 0.0009 | P   | 1.0  |
| 3 | <input type="checkbox"/> | 250.000  | 252.522    | 1926755.39  | 0.2210 | A   | 2.3  |
| 4 | <input type="checkbox"/> | 625.000  | 623.969    | 4886328.16  | 0.5459 | A   | 0.1  |
| 5 | <input type="checkbox"/> | 1250.000 | 1243.179   | 9824622.56  | 1.0875 | A   | 3.1  |
| 6 | <input type="checkbox"/> | 2500.000 | 2487.353   | 19555946.51 | 2.1759 | A   | 3.3  |
| 7 | <input type="checkbox"/> | 5000.000 | 5008.032   | 39098244.97 | 4.3808 | A   | 2.4  |
| 8 | <input type="checkbox"/> |          |            | 12887.13    | 0.0016 | P   | 43.8 |

$$y = 8.7474\text{E-}004 * x + 8.7614\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.0233$$

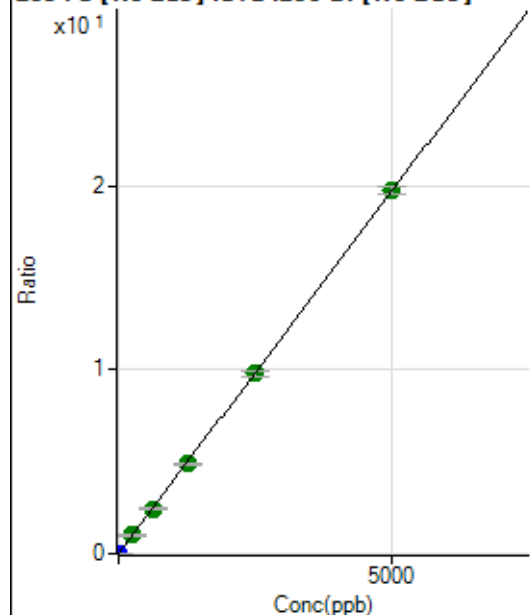
$$BEC = 0.1002$$

Weight: &lt;None&gt;

Min Conc: 0



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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS          | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|--------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3356.86      | 0.0004  | P   | 4.6  |
| 2 | <input type="checkbox"/> | 1.000    | 0.908      | 34491.88     | 0.0040  | P   | 0.9  |
| 3 | <input type="checkbox"/> | 250.000  | 253.866    | 8732107.05   | 1.0014  | A   | 1.5  |
| 4 | <input type="checkbox"/> | 625.000  | 622.263    | 21965633.98  | 2.4541  | A   | 0.5  |
| 5 | <input type="checkbox"/> | 1250.000 | 1238.936   | 44137116.63  | 4.8857  | A   | 3.0  |
| 6 | <input type="checkbox"/> | 2500.000 | 2488.551   | 88196077.01  | 9.8131  | A   | 3.5  |
| 7 | <input type="checkbox"/> | 5000.000 | 5008.640   | 176272237.37 | 19.7502 | A   | 2.2  |
| 8 | <input type="checkbox"/> |          |            | 58125.44     | 0.0074  | P   | 45.0 |

$$y = 0.0039 * x + 3.8121E-004$$

$$R = 1.0000$$

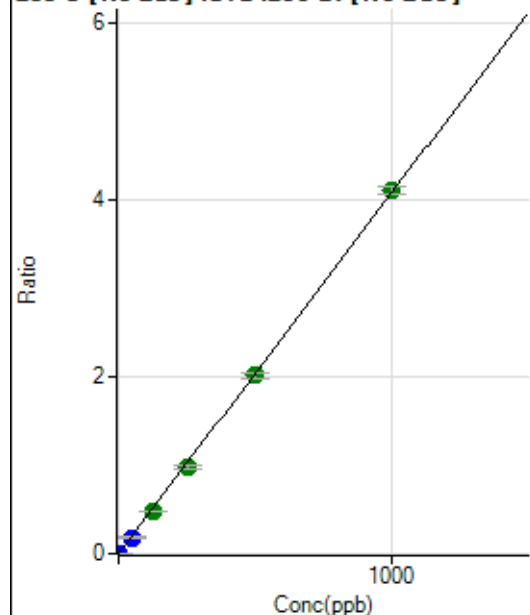
$$DL = 0.01346$$

$$BEC = 0.09668$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 27.78       | 0.0000 | P   | 16.1 |
| 2 | <input type="checkbox"/> | 1.000    | 0.839      | 29841.15    | 0.0034 | P   | 1.6  |
| 3 | <input type="checkbox"/> | 50.000   | 45.052     | 1603252.93  | 0.1839 | P   | 2.4  |
| 4 | <input type="checkbox"/> | 125.000  | 119.315    | 4358884.90  | 0.4870 | A   | 0.5  |
| 5 | <input type="checkbox"/> | 250.000  | 241.058    | 8886627.64  | 0.9838 | A   | 4.0  |
| 6 | <input type="checkbox"/> | 500.000  | 493.937    | 18117131.95 | 2.0159 | A   | 3.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 1006.225   | 36652906.12 | 4.1068 | A   | 2.2  |
| 8 | <input type="checkbox"/> |          |            | 10145.03    | 0.0013 | P   | 61.0 |

$$y = 0.0041 * x + 3.1450E-006$$

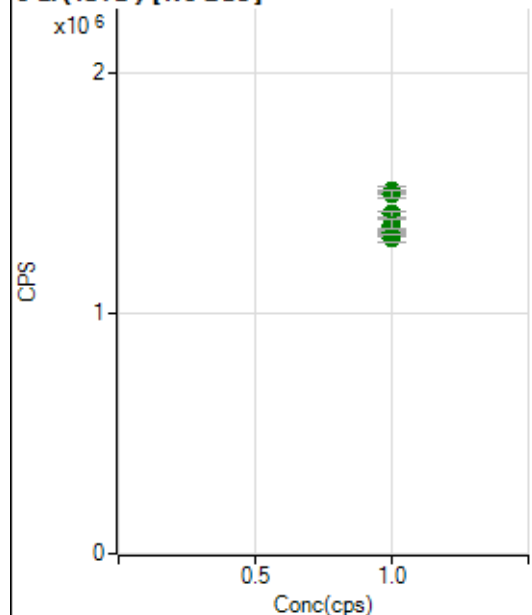
$$R = 0.9999$$

$$DL = 0.0003721$$

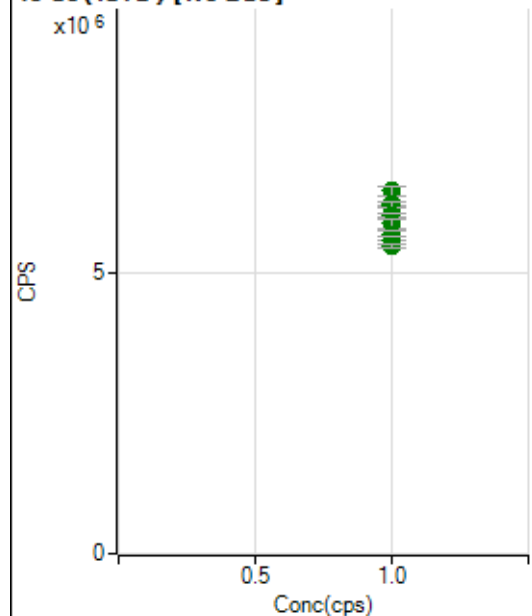
$$BEC = 0.0007706$$

Weight: &lt;None&gt;

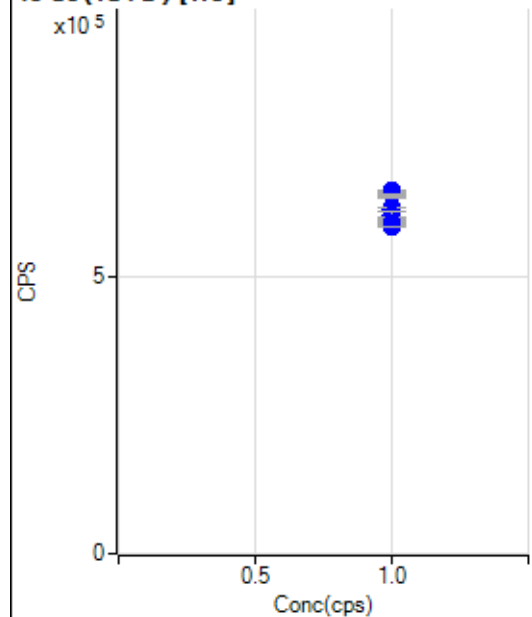
Min Conc: 0

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

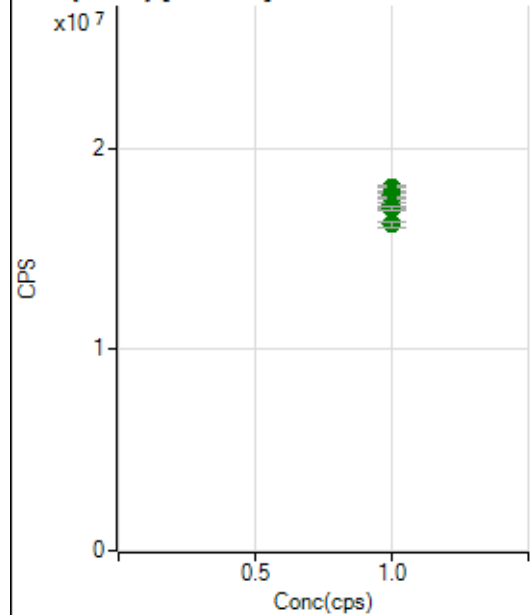
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1362013.67 |       | A        | 4.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1308664.42 |       | A        | 1.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1333336.73 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1414322.96 |       | A        | 1.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1493435.17 |       | A        | 1.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1508791.87 |       | A        | 2.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1496445.79 |       | A        | 1.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1368131.34 |       | A        | 2.9 |

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

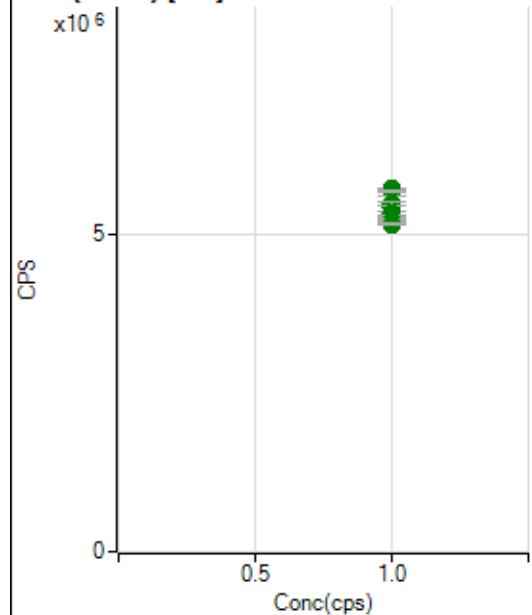
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6468806.29 |       | A        | 2.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 6229068.80 |       | A        | 1.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6217666.09 |       | A        | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6037021.02 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5884188.80 |       | A        | 3.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5674586.23 |       | A        | 2.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5588942.00 |       | A        | 2.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5488774.57 |       | A        | 1.1 |

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

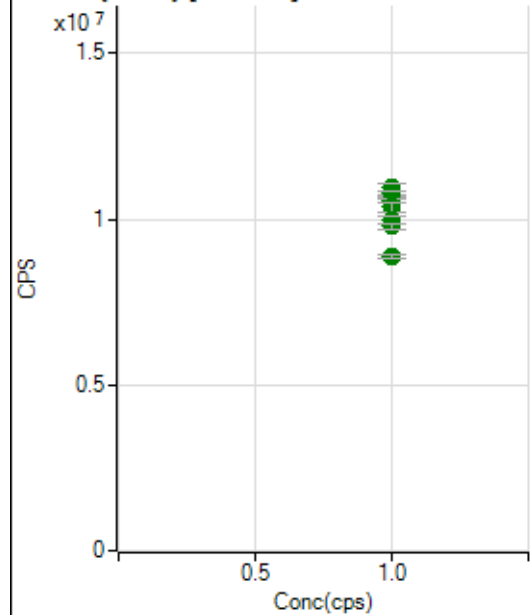
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 656688.24 |       | P        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 649634.65 |       | P        | 0.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 624450.22 |       | P        | 5.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 626229.34 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 614074.28 |       | P        | 1.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 599846.86 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 594306.55 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 591869.46 |       | P        | 0.1 |

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

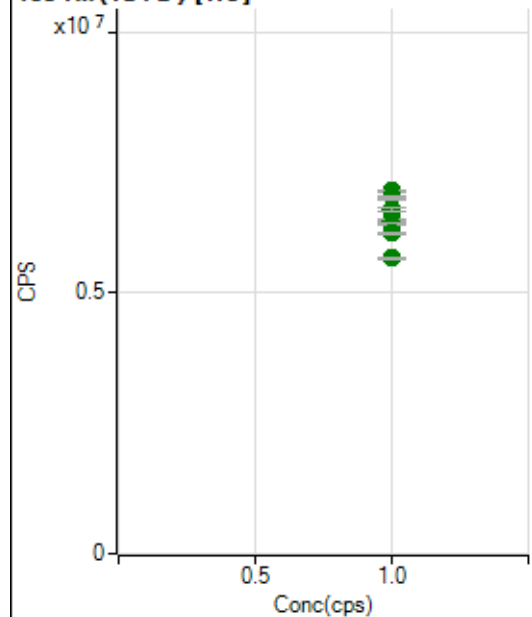
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 18011405.57 |       | A        | 1.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 17791046.12 |       | A        | 2.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 17667949.74 |       | A        | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 17530974.74 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 17226496.83 |       | A        | 2.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 17063134.74 |       | A        | 2.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 16965534.61 |       | A        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 16201720.59 |       | A        | 1.5 |

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

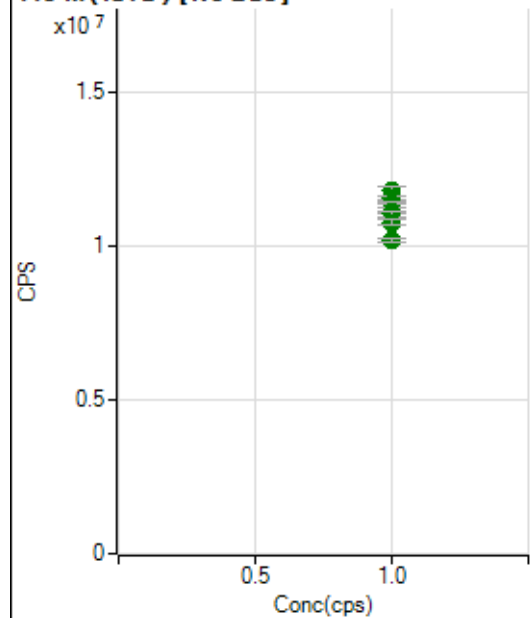
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5714649.71 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 5676714.99 |       | A        | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 5426397.84 |       | A        | 6.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5483030.82 |       | A        | 1.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5327564.09 |       | A        | 1.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5289248.95 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5221698.99 |       | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5152589.40 |       | A        | 0.7 |

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

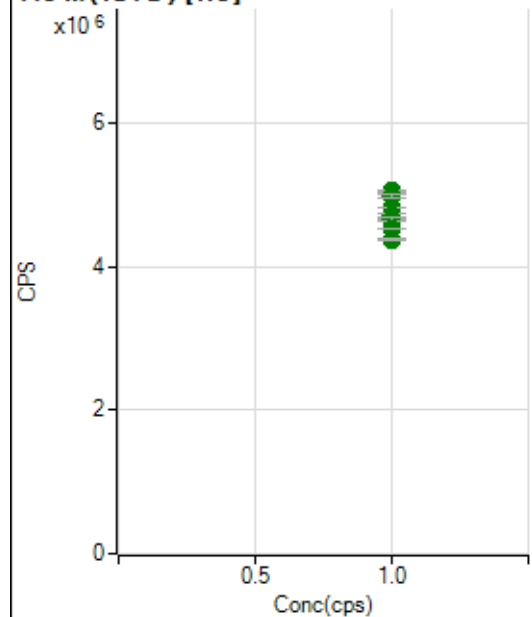
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10943617.75 |       | A        | 2.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 10786964.01 |       | A        | 1.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 10771091.79 |       | A        | 1.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10545381.30 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10370416.44 |       | A        | 2.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9964536.38  |       | A        | 2.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9787782.15  |       | A        | 2.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8878933.69  |       | A        | 1.6 |

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

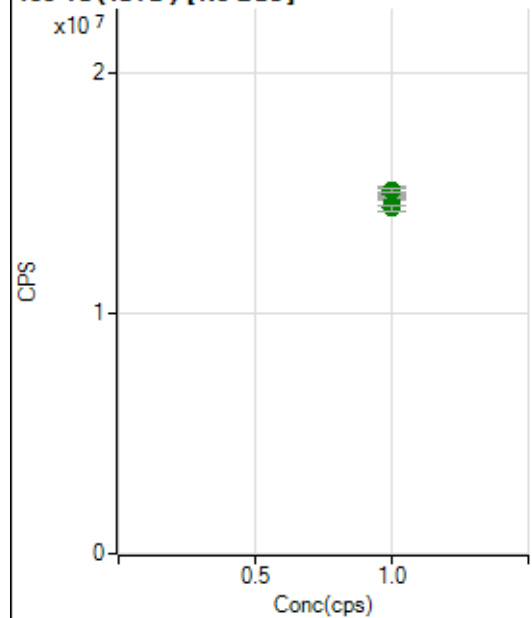
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6961235.94 |       | A    | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 6844865.80 |       | A    | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6585030.25 |       | A    | 6.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6598651.08 |       | A    | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6390140.39 |       | A    | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6311989.14 |       | A    | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6147949.21 |       | A    | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5675544.22 |       | A    | 0.7 |

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

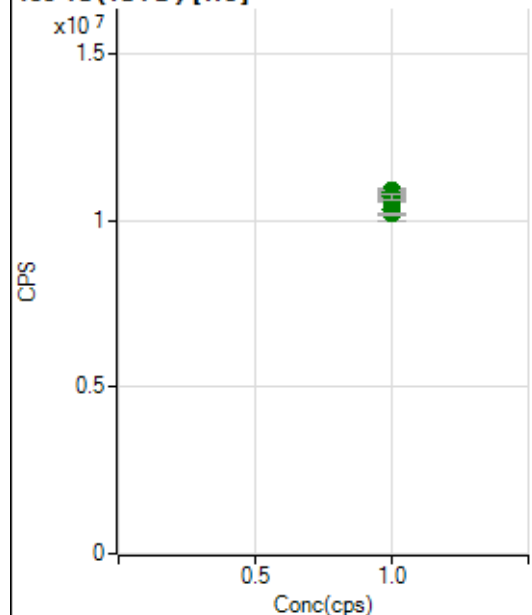
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|-------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11815642.73 |       | A    | 2.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 11608558.46 |       | A    | 1.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 11583438.91 |       | A    | 1.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11422247.77 |       | A    | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 11177243.10 |       | A    | 1.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11056858.74 |       | A    | 2.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10802974.87 |       | A    | 2.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10230031.98 |       | A    | 1.4 |

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

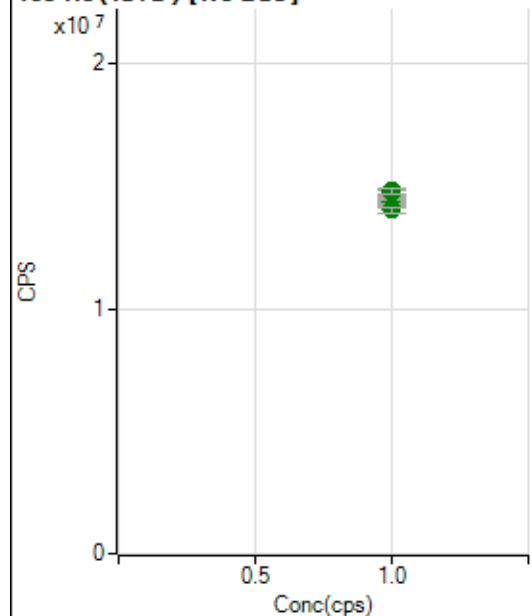
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5055152.81 |       | A    | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4983042.98 |       | A    | 0.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4835704.05 |       | A    | 6.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4824270.50 |       | A    | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4715149.95 |       | A    | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4660088.27 |       | A    | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4529942.77 |       | A    | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4376217.77 |       | A    | 0.4 |

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

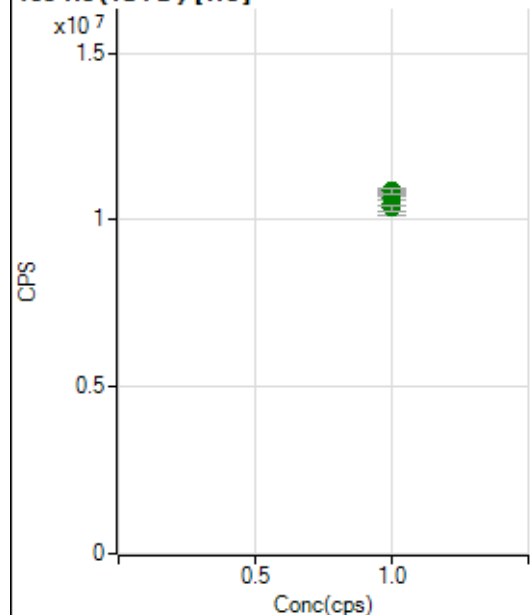
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|-------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 14945196.03 |       | A    | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 14738129.64 |       | A    | 0.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 14864111.03 |       | A    | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 14873856.03 |       | A    | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 14983651.58 |       | A    | 2.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 15083926.86 |       | A    | 2.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 15091187.55 |       | A    | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 14359378.81 |       | A    | 1.7 |

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

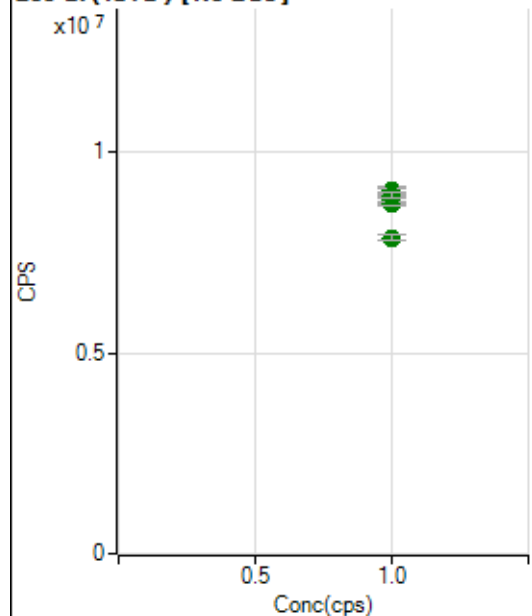
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10894753.17 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 10648029.70 |       | A        | 1.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 10325102.83 |       | A        | 6.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10833364.70 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10751810.26 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10640174.70 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10726023.17 |       | A        | 1.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10193150.61 |       | A        | 1.1 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 14491838.39 |       | A        | 1.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 14348433.95 |       | A        | 1.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 14379792.56 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 14500982.70 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 14756038.95 |       | A        | 2.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 14781977.56 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 14821965.06 |       | A        | 1.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 14036080.21 |       | A        | 1.8 |

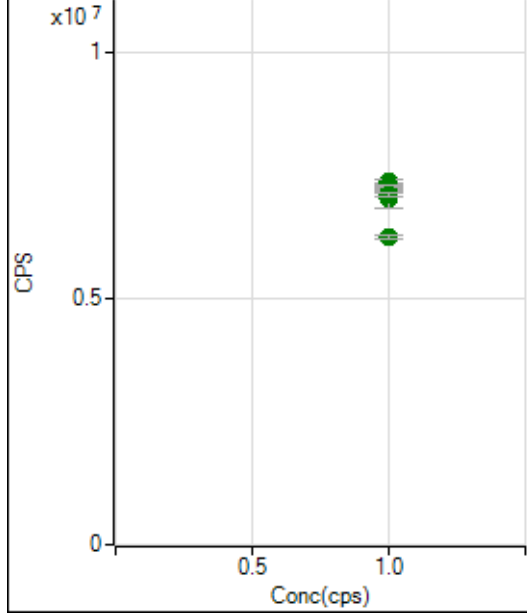
**165 Ho (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10720954.84 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 10677249.70 |       | A        | 1.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 10460090.33 |       | A        | 6.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10840314.70 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10836031.71 |       | A        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10865789.01 |       | A        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10863177.48 |       | A        | 1.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10347046.72 |       | A        | 1.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8811426.19 |       | A        | 2.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 8709634.59 |       | A        | 0.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 8720526.26 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8950984.38 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9037971.60 |       | A        | 2.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8992102.02 |       | A        | 2.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8927092.23 |       | A        | 1.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7867019.19 |       | A        | 1.6 |



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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7341495.38 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 7222492.39 |       | A        | 0.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 7037674.76 |       | A        | 5.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7365706.77 |       | A        | 1.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7347690.38 |       | A        | 1.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7292927.11 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7107859.75 |       | A        | 1.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6258362.62 |       | A        | 1.2 |