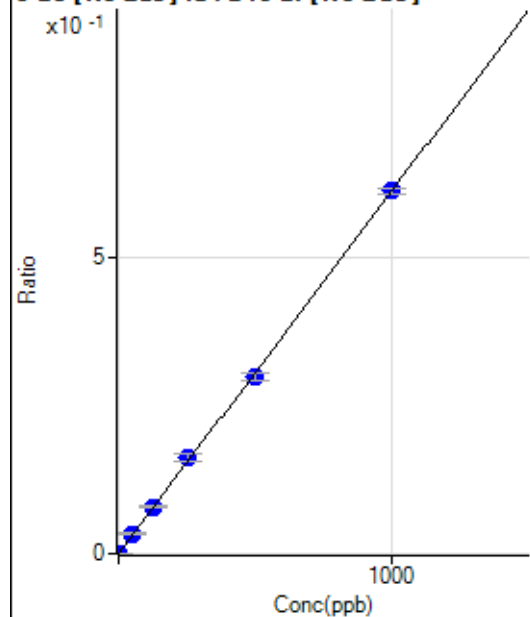


# Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7112123-MS1.b\  
 Analysis File: P7112123-MS1.batch.bin  
 DA Date-Time: 2023-11-21 12:31:45  
 Calibration Title:  
 Calibration Method: External Calibration  
 VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 004CALB.d          | S00         | 2023-11-21 11:20:57 |
| 2     | 005CALS.d          | S02         | 2023-11-21 11:24:17 |
| 3     | 007CALS.d          | S03         | 2023-11-21 11:30:57 |
| 4     | 008CALS.d          | S04         | 2023-11-21 11:34:14 |
| 5     | 009CALS.d          | S05         | 2023-11-21 11:37:18 |
| 6     | 010CALS.d          | S06         | 2023-11-21 11:40:19 |
| 7     | 011CALS.d          | S07         | 2023-11-21 11:43:14 |
| 8     | 012CALS.d          | S08         | 2023-11-21 11:46:06 |

**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      | 86.67     | 0.0001 | P    | 17.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.999      | 793.36    | 0.0007 | P    | 7.5  |
| 3 | <input type="checkbox"/> | 50.000   | 55.510     | 37913.95  | 0.0340 | P    | 5.0  |
| 4 | <input type="checkbox"/> | 125.000  | 128.606    | 90202.87  | 0.0786 | P    | 2.6  |
| 5 | <input type="checkbox"/> | 250.000  | 266.124    | 175087.75 | 0.1626 | P    | 9.2  |
| 6 | <input type="checkbox"/> | 500.000  | 487.222    | 337275.60 | 0.2976 | P    | 4.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 1001.632   | 642782.25 | 0.6116 | P    | 1.3  |
| 8 | <input type="checkbox"/> |          |            | 425.56    | 0.0004 | P    | 11.3 |

$$y = 6.1058\text{E-}004 * x + 7.6472\text{E-}005$$

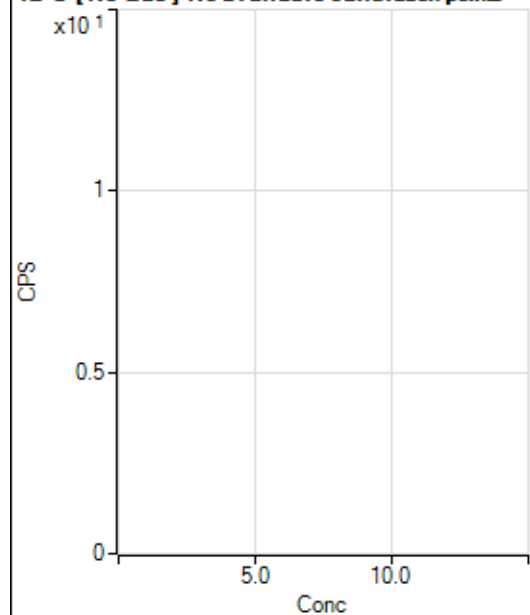
$$R = 0.9997$$

$$DL = 0.06636$$

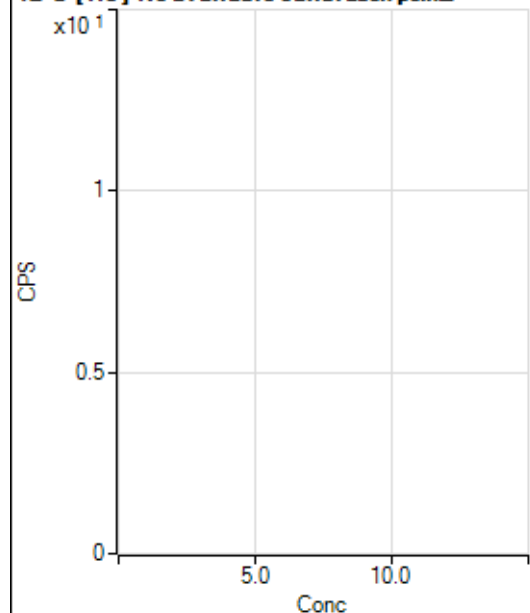
$$BEC = 0.1252$$

Weight: &lt;None&gt;

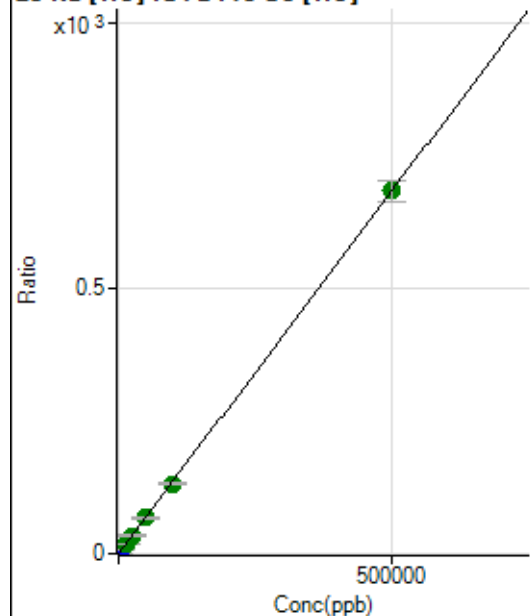
Min Conc: 0

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

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

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

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

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|----------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 5573.28     | 0.0437   | P        | 3.3  |
| 2 | <input type="checkbox"/> | 500.000   | 438.579    | 85528.91    | 0.6420   | P        | 13.0 |
| 3 | <input type="checkbox"/> | 5000.000  | 5005.566   | 894318.91   | 6.8719   | P        | 1.5  |
| 4 | <input type="checkbox"/> | 12500.000 | 12220.678  | 2139696.67  | 16.7141  | A        | 1.1  |
| 5 | <input type="checkbox"/> | 25000.000 | 24634.488  | 4173141.88  | 33.6479  | A        | 5.3  |
| 6 | <input type="checkbox"/> | 50000.000 | 49599.545  | 8226927.03  | 67.7030  | A        | 3.1  |
| 7 | <input type="checkbox"/> | 100000.00 | 96650.564  | 15998111.29 | 131.8859 | A        | 2.7  |
| 8 | <input type="checkbox"/> | 500000.00 | 500735.19  | 73937812.79 | 683.1026 | A        | 5.9  |

$$y = 0.0014 * x + 0.0437$$

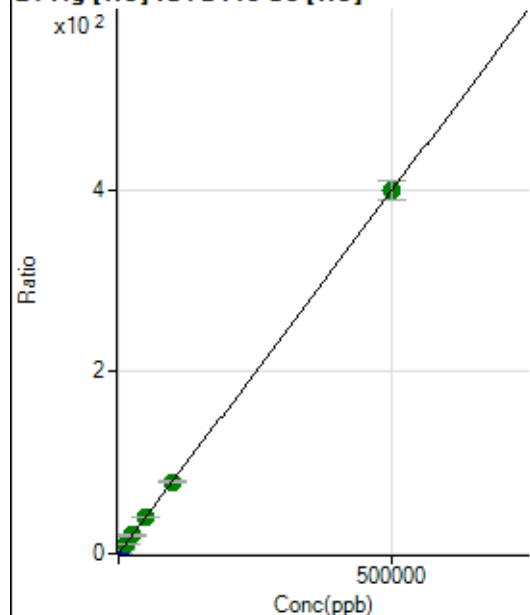
$$R = 1.0000$$

$$DL = 3.217$$

$$BEC = 32.04$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|----------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 337.78      | 0.0026   | P        | 12.3 |
| 2 | <input type="checkbox"/> | 500.000   | 462.457    | 49526.09    | 0.3712   | P        | 11.4 |
| 3 | <input type="checkbox"/> | 5000.000  | 5209.534   | 540744.86   | 4.1548   | P        | 0.9  |
| 4 | <input type="checkbox"/> | 12500.000 | 12830.555  | 1309473.96  | 10.2290  | A        | 1.1  |
| 5 | <input type="checkbox"/> | 25000.000 | 25619.746  | 2532151.90  | 20.4223  | A        | 6.1  |
| 6 | <input type="checkbox"/> | 50000.000 | 50891.317  | 4929016.38  | 40.5644  | A        | 3.1  |
| 7 | <input type="checkbox"/> | 100000.00 | 99089.934  | 9580942.64  | 78.9801  | A        | 2.5  |
| 8 | <input type="checkbox"/> | 500000.00 | 500051.57  | 43150795.47 | 398.5576 | A        | 5.3  |

$$y = 7.9703E-004 * x + 0.0026$$

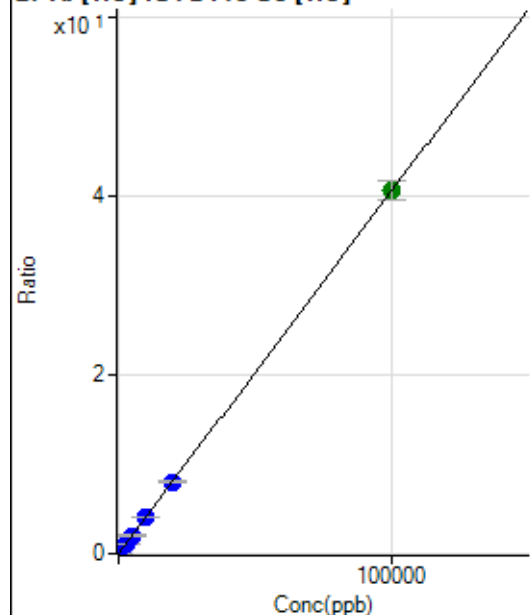
R = 1.0000

DL = 1.229

BEC = 3.324

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 60.00      | 0.0005  | P        | 20.3 |
| 2 | <input type="checkbox"/> | 20.000    | 17.713     | 1020.04    | 0.0077  | P        | 15.1 |
| 3 | <input type="checkbox"/> | 1000.000  | 1730.386   | 91530.64   | 0.7033  | P        | 1.7  |
| 4 | <input type="checkbox"/> | 2500.000  | 2585.298   | 134480.33  | 1.0505  | P        | 1.0  |
| 5 | <input type="checkbox"/> | 5000.000  | 5024.339   | 253104.94  | 2.0411  | P        | 5.8  |
| 6 | <input type="checkbox"/> | 10000.000 | 10047.045  | 496019.71  | 4.0811  | P        | 1.9  |
| 7 | <input type="checkbox"/> | 20000.000 | 19675.739  | 969450.13  | 7.9918  | P        | 2.6  |
| 8 | <input type="checkbox"/> | 100000.00 | 100049.49  | 4399172.30 | 40.6358 | A        | 5.5  |

$$y = 4.0615E-004 * x + 4.7129E-004$$

R = 1.0000

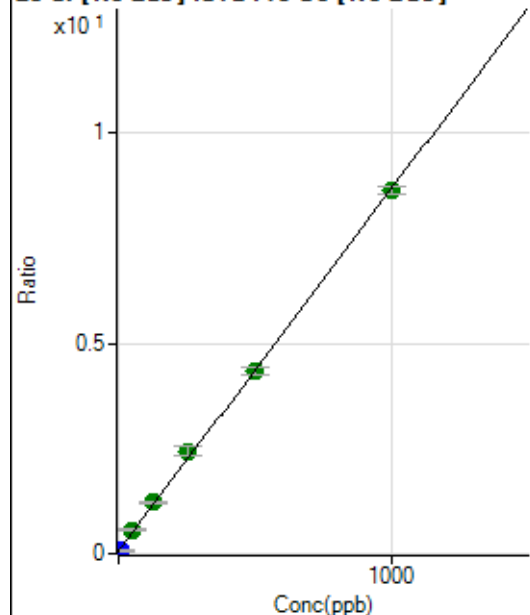
DL = 0.7082

BEC = 1.16

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      | 173700.78   | 0.0662 | P   | 3.2 |
| 2 | <input type="checkbox"/> | 10.000   | 0.348      | 186966.59   | 0.0692 | P   | 6.1 |
| 3 | <input type="checkbox"/> | 50.000   | 58.339     | 1462615.31  | 0.5686 | A   | 4.3 |
| 4 | <input type="checkbox"/> | 125.000  | 133.827    | 3206039.33  | 1.2188 | A   | 2.9 |
| 5 | <input type="checkbox"/> | 250.000  | 276.291    | 5945831.86  | 2.4458 | A   | 8.9 |
| 6 | <input type="checkbox"/> | 500.000  | 495.955    | 11403063.86 | 4.3377 | A   | 4.4 |
| 7 | <input type="checkbox"/> | 1000.000 | 994.026    | 21078718.02 | 8.6275 | A   | 1.9 |
| 8 | <input type="checkbox"/> |          |            | 271663.00   | 0.1173 | P   | 0.9 |

$$y = 0.0086 * x + 0.0662$$

$$R = 0.9995$$

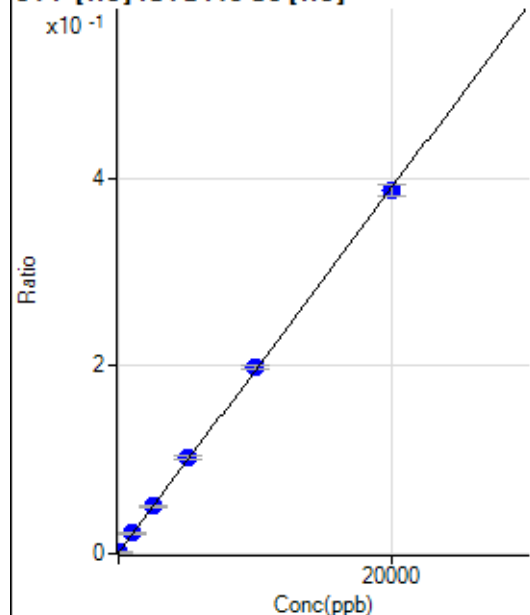
$$DL = 0.7355$$

$$BEC = 7.684$$

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     | -11.363    | 90.00    | 0.0007 | P   | 11.1 |
| 2 | <input type="checkbox"/> | 0.000     | 11.363     | 151.12   | 0.0011 | P   | 27.1 |
| 3 | <input type="checkbox"/> | 1000.000  | 1063.104   | 2806.95  | 0.0216 | P   | 1.1  |
| 4 | <input type="checkbox"/> | 2500.000  | 2557.098   | 6474.75  | 0.0506 | P   | 1.9  |
| 5 | <input type="checkbox"/> | 5000.000  | 5229.628   | 12704.23 | 0.1024 | P   | 5.6  |
| 6 | <input type="checkbox"/> | 10000.000 | 10183.350  | 24140.28 | 0.1986 | P   | 1.6  |
| 7 | <input type="checkbox"/> | 20000.000 | 19840.625  | 46830.29 | 0.3861 | P   | 3.1  |
| 8 | <input type="checkbox"/> |           |            | 98.89    | 0.0009 | P   | 17.0 |

$$y = 1.9412E-005 * x + 9.2696E-004$$

$$R = 0.9999$$

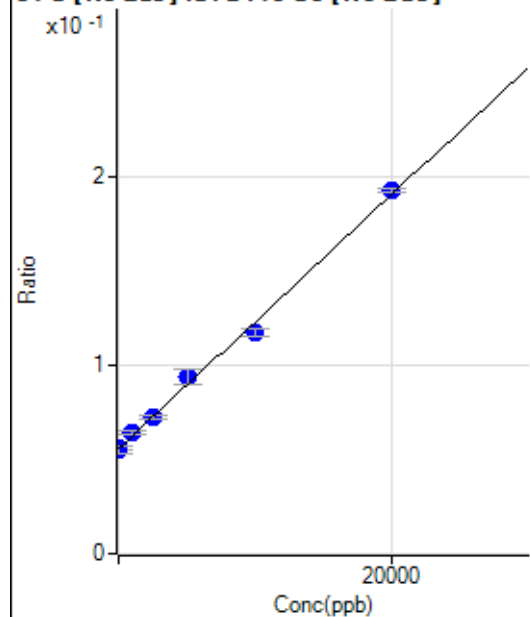
$$DL = 30.1$$

$$BEC = 47.75$$

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     | 112.025    | 148516.84 | 0.0566 | P   | 3.8 |
| 2 | <input type="checkbox"/> | 0.000     | -112.025   | 148849.98 | 0.0551 | P   | 6.2 |
| 3 | <input type="checkbox"/> | 1000.000  | 1301.650   | 166308.28 | 0.0646 | P   | 3.7 |
| 4 | <input type="checkbox"/> | 2500.000  | 2419.191   | 189950.30 | 0.0722 | P   | 2.7 |
| 5 | <input type="checkbox"/> | 5000.000  | 5642.959   | 228567.32 | 0.0940 | P   | 8.9 |
| 6 | <input type="checkbox"/> | 10000.000 | 9126.000   | 309135.63 | 0.1176 | P   | 4.2 |
| 7 | <input type="checkbox"/> | 20000.000 | 20271.279  | 471541.42 | 0.1930 | P   | 1.0 |
| 8 | <input type="checkbox"/> |           |            | 128551.80 | 0.0555 | P   | 2.5 |

$$y = 6.7666E-006 * x + 0.0558$$

R = 0.9979

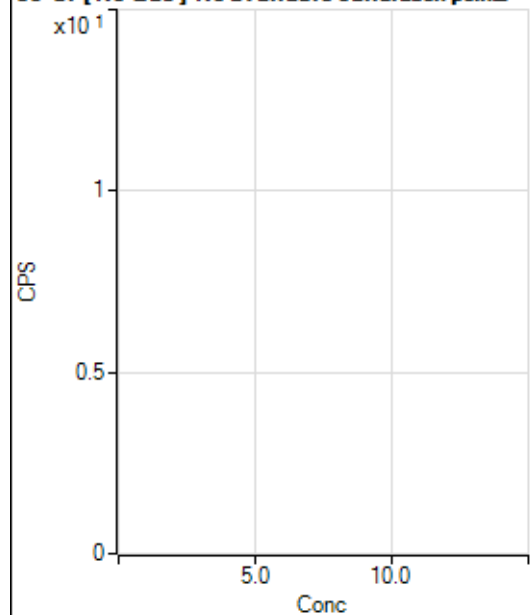
DL = 1232

BEC = 8252

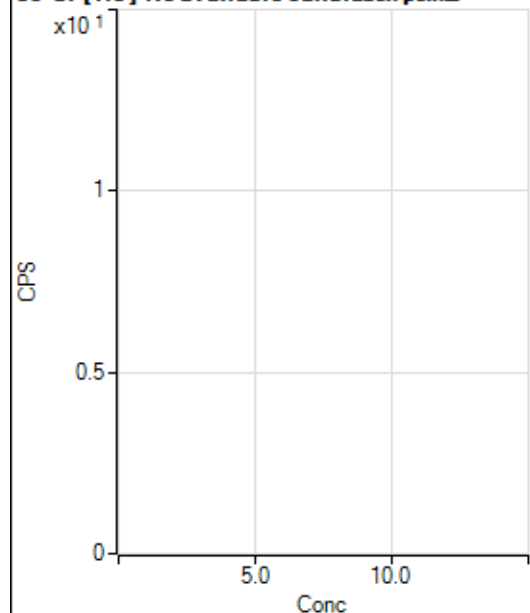
Weight: <None>

Min Conc: 0

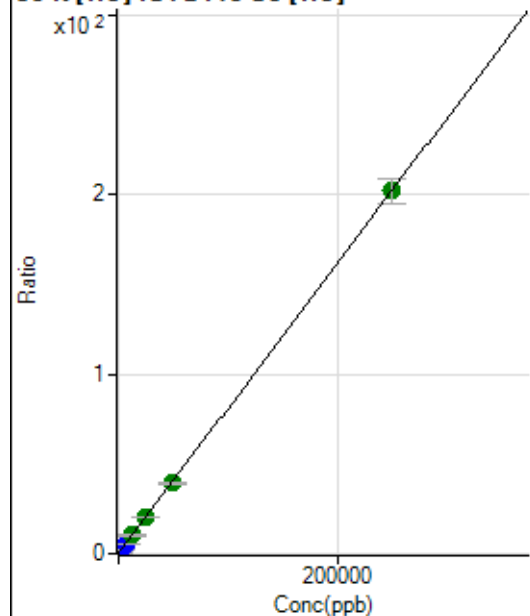
35 Cl [No Gas] No available calibration points



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

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

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

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|----------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 23622.90    | 0.1852   | P        | 0.3  |
| 2 | <input type="checkbox"/> | 500.000   | 444.393    | 72527.18    | 0.5437   | P        | 11.4 |
| 3 | <input type="checkbox"/> | 2500.000  | 2586.889   | 295699.47   | 2.2719   | P        | 0.4  |
| 4 | <input type="checkbox"/> | 6250.000  | 6376.315   | 682138.15   | 5.3285   | P        | 1.1  |
| 5 | <input type="checkbox"/> | 12500.000 | 12438.705  | 1267415.05  | 10.2186  | A        | 5.1  |
| 6 | <input type="checkbox"/> | 25000.000 | 24933.509  | 2466536.20  | 20.2973  | A        | 2.7  |
| 7 | <input type="checkbox"/> | 50000.000 | 48405.012  | 4759105.14  | 39.2301  | A        | 2.3  |
| 8 | <input type="checkbox"/> | 250000.00 | 250324.79  | 21868149.12 | 202.1044 | A        | 6.6  |

$$y = 8.0663E-004 * x + 0.1852$$

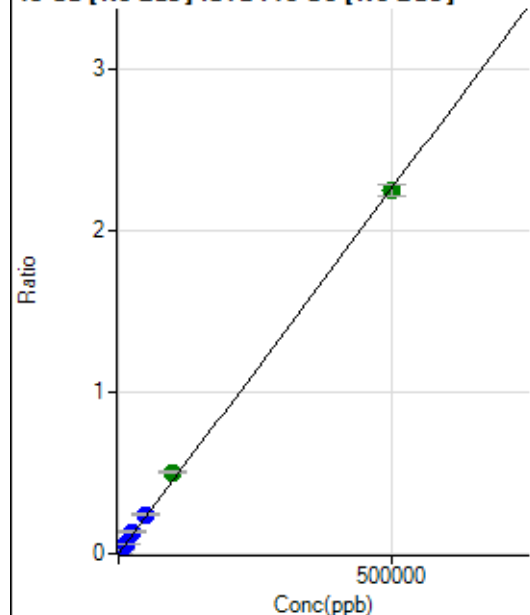
$$R = 1.0000$$

$$DL = 1.962$$

$$BEC = 229.6$$

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      | 307.79     | 0.0001 | P    | 8.9 |
| 2 | <input type="checkbox"/> | 500.000   | 457.180    | 5895.65    | 0.0022 | P    | 5.6 |
| 3 | <input type="checkbox"/> | 5000.000  | 5842.504   | 68139.75   | 0.0265 | P    | 4.7 |
| 4 | <input type="checkbox"/> | 12500.000 | 13940.698  | 165877.49  | 0.0631 | P    | 2.9 |
| 5 | <input type="checkbox"/> | 25000.000 | 29343.256  | 322288.97  | 0.1326 | P    | 9.2 |
| 6 | <input type="checkbox"/> | 50000.000 | 53503.622  | 635429.47  | 0.2417 | P    | 3.8 |
| 7 | <input type="checkbox"/> | 100000.00 | 111710.60  | 1232543.44 | 0.5045 | A    | 1.9 |
| 8 | <input type="checkbox"/> | 500000.00 | 497045.95  | 5196991.28 | 2.2443 | A    | 3.0 |

$$y = 4.5150\text{E-}006 * x + 1.1699\text{E-}004$$

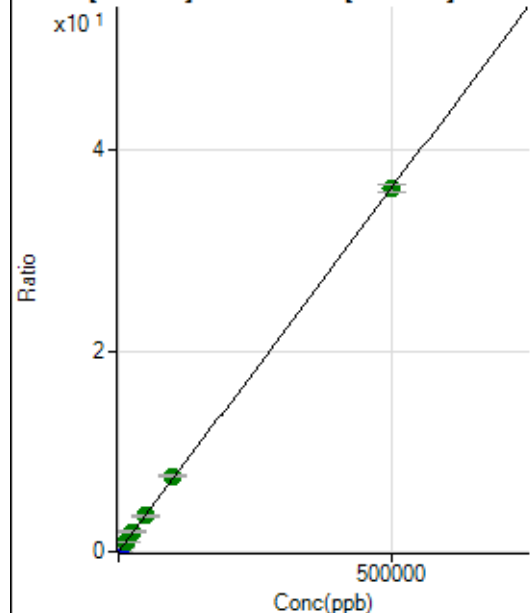
$$R = 0.9997$$

$$DL = 6.941$$

$$BEC = 25.91$$

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      | 5535.55     | 0.0021  | P    | 2.2 |
| 2 | <input type="checkbox"/> | 500.000   | 449.936    | 93712.77    | 0.0347  | P    | 7.2 |
| 3 | <input type="checkbox"/> | 5000.000  | 5642.760   | 1056352.26  | 0.4108  | P    | 5.0 |
| 4 | <input type="checkbox"/> | 12500.000 | 12873.426  | 2458334.41  | 0.9345  | A    | 2.4 |
| 5 | <input type="checkbox"/> | 25000.000 | 27514.052  | 4849484.51  | 1.9948  | A    | 8.9 |
| 6 | <input type="checkbox"/> | 50000.000 | 49328.771  | 9398271.87  | 3.5748  | A    | 4.0 |
| 7 | <input type="checkbox"/> | 100000.00 | 104397.85  | 18477376.67 | 7.5632  | A    | 1.4 |
| 8 | <input type="checkbox"/> | 500000.00 | 499046.13  | 83708238.76 | 36.1460 | A    | 2.1 |

$$y = 7.2426\text{E-}005 * x + 0.0021$$

$$R = 0.9999$$

$$DL = 1.932$$

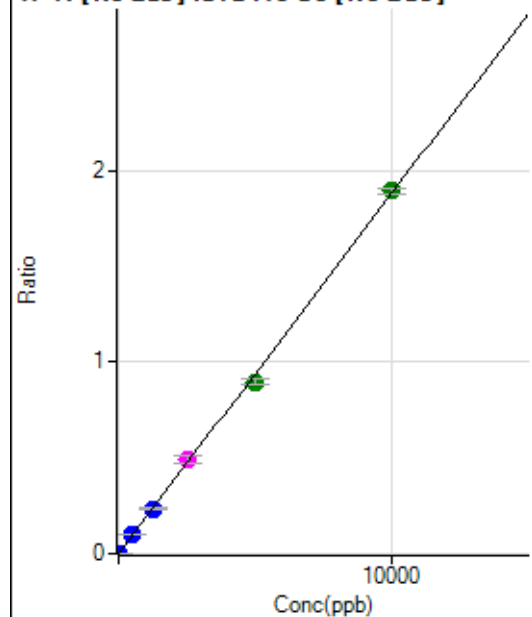
$$BEC = 29.12$$

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<br>. | RSD  |
|---|--------------------------|-----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 86.67      | 0.0000 | P        | 15.5 |
| 2 | <input type="checkbox"/> | 5.000     | 4.566      | 2403.55    | 0.0009 | P        | 11.7 |
| 3 | <input type="checkbox"/> | 500.000   | 524.227    | 253514.69  | 0.0986 | P        | 5.4  |
| 4 | <input type="checkbox"/> | 1250.000  | 1245.919   | 616346.40  | 0.2343 | P        | 2.5  |
| 5 | <input type="checkbox"/> | 2500.000  | 2618.051   | 1196555.51 | 0.4923 | M        | 9.1  |
| 6 | <input type="checkbox"/> | 5000.000  | 4779.275   | 2362669.83 | 0.8986 | A        | 3.8  |
| 7 | <input type="checkbox"/> | 10000.000 | 10080.149  | 4630102.29 | 1.8953 | A        | 1.9  |
| 8 | <input type="checkbox"/> |           |            | 817.81     | 0.0004 | P        | 20.9 |

$$y = 1.8802\text{E-}004 * x + 3.2924\text{E-}005$$

$$R = 0.9996$$

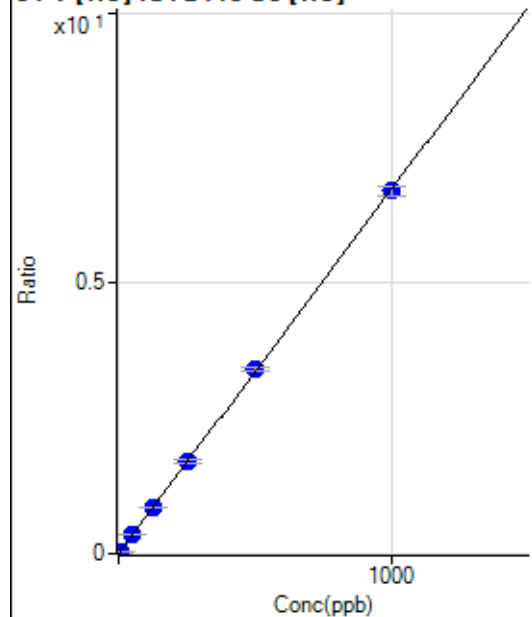
$$DL = 0.08163$$

$$BEC = 0.1751$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 8.89      | 0.0001 | P        | 56.4 |
| 2 | <input type="checkbox"/> | 5.000    | 4.470      | 4020.57   | 0.0302 | P        | 13.2 |
| 3 | <input type="checkbox"/> | 50.000   | 50.784     | 44527.72  | 0.3421 | P        | 1.4  |
| 4 | <input type="checkbox"/> | 125.000  | 124.759    | 107590.00 | 0.8404 | P        | 0.5  |
| 5 | <input type="checkbox"/> | 250.000  | 253.421    | 211728.34 | 1.7070 | P        | 5.0  |
| 6 | <input type="checkbox"/> | 500.000  | 506.801    | 414812.39 | 3.4136 | P        | 2.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 995.738    | 813537.11 | 6.7069 | P        | 2.9  |
| 8 | <input type="checkbox"/> |          |            | 198.89    | 0.0018 | P        | 5.7  |

$$y = 0.0067 * x + 6.9195\text{E-}005$$

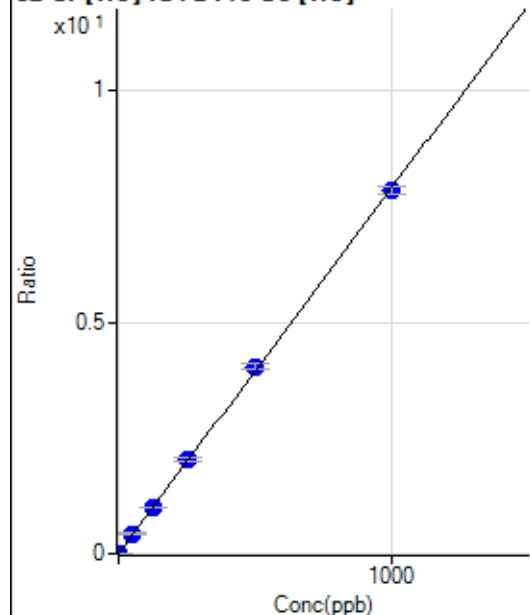
$$R = 1.0000$$

$$DL = 0.01738$$

$$BEC = 0.01027$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 411.12    | 0.0032 | P        | 11.0 |
| 2 | <input type="checkbox"/> | 2.000    | 1.838      | 2364.65   | 0.0177 | P        | 12.3 |
| 3 | <input type="checkbox"/> | 50.000   | 54.581     | 56484.14  | 0.4340 | P        | 1.4  |
| 4 | <input type="checkbox"/> | 125.000  | 127.187    | 128918.43 | 1.0070 | P        | 0.9  |
| 5 | <input type="checkbox"/> | 250.000  | 256.107    | 251122.87 | 2.0245 | P        | 4.7  |
| 6 | <input type="checkbox"/> | 500.000  | 510.941    | 490403.39 | 4.0356 | P        | 2.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 992.501    | 950633.18 | 7.8362 | P        | 2.3  |
| 8 | <input type="checkbox"/> |          |            | 2612.48   | 0.0241 | P        | 4.1  |

$$y = 0.0079 * x + 0.0032$$

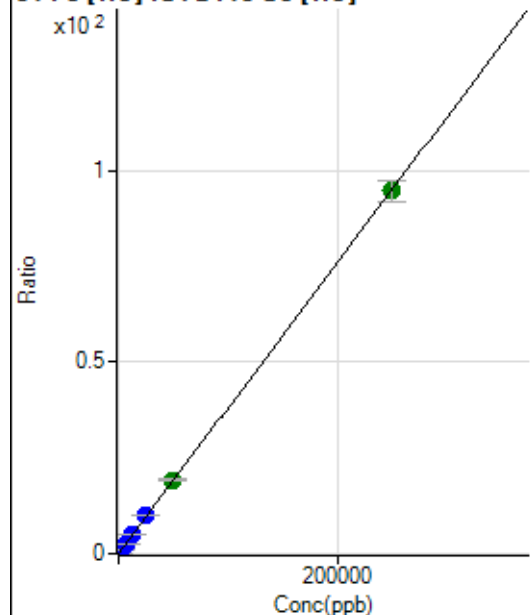
$$R = 0.9999$$

$$DL = 0.1347$$

$$BEC = 0.4088$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 524.46      | 0.0041  | P        | 10.3 |
| 2 | <input type="checkbox"/> | 50.000    | 47.740     | 2955.88     | 0.0222  | P        | 16.1 |
| 3 | <input type="checkbox"/> | 2500.000  | 2694.855   | 133710.77   | 1.0273  | P        | 1.2  |
| 4 | <input type="checkbox"/> | 6250.000  | 6644.291   | 323490.48   | 2.5269  | P        | 1.3  |
| 5 | <input type="checkbox"/> | 12500.000 | 13271.970  | 625412.11   | 5.0435  | P        | 5.8  |
| 6 | <input type="checkbox"/> | 25000.000 | 26520.212  | 1224121.29  | 10.0738 | P        | 2.9  |
| 7 | <input type="checkbox"/> | 50000.000 | 50743.266  | 2338116.37  | 19.2712 | A        | 1.8  |
| 8 | <input type="checkbox"/> | 250000.00 | 249648.92  | 10260280.96 | 94.7952 | A        | 6.1  |

$$y = 3.7970E-004 * x + 0.0041$$

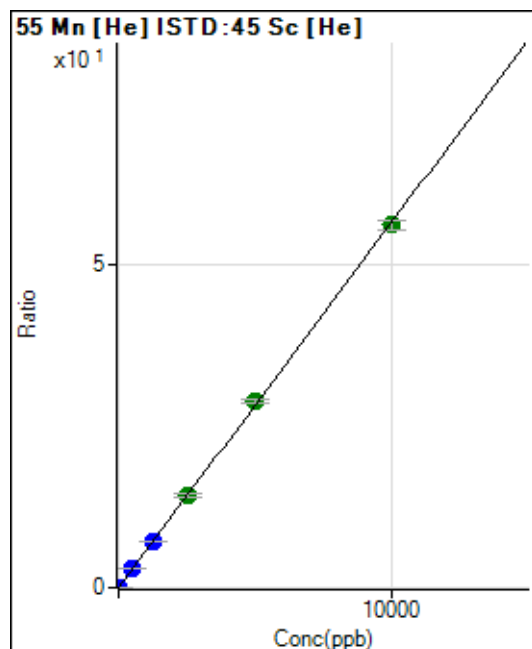
$$R = 1.0000$$

$$DL = 3.338$$

$$BEC = 10.84$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 124.45     | 0.0010  | P    | 4.0  |
| 2 | <input type="checkbox"/> | 1.000     | 0.898      | 806.70     | 0.0061  | P    | 14.9 |
| 3 | <input type="checkbox"/> | 500.000   | 508.844    | 375057.48  | 2.8820  | P    | 1.7  |
| 4 | <input type="checkbox"/> | 1250.000  | 1252.992   | 908322.30  | 7.0952  | P    | 0.9  |
| 5 | <input type="checkbox"/> | 2500.000  | 2537.497   | 1782135.74 | 14.3678 | A    | 5.1  |
| 6 | <input type="checkbox"/> | 5000.000  | 5111.821   | 3517674.39 | 28.9432 | A    | 2.1  |
| 7 | <input type="checkbox"/> | 10000.000 | 9933.899   | 6822927.05 | 56.2450 | A    | 2.6  |
| 8 | <input type="checkbox"/> |           |            | 3117.02    | 0.0289  | P    | 10.2 |

$$y = 0.0057 * x + 9.7583E-004$$

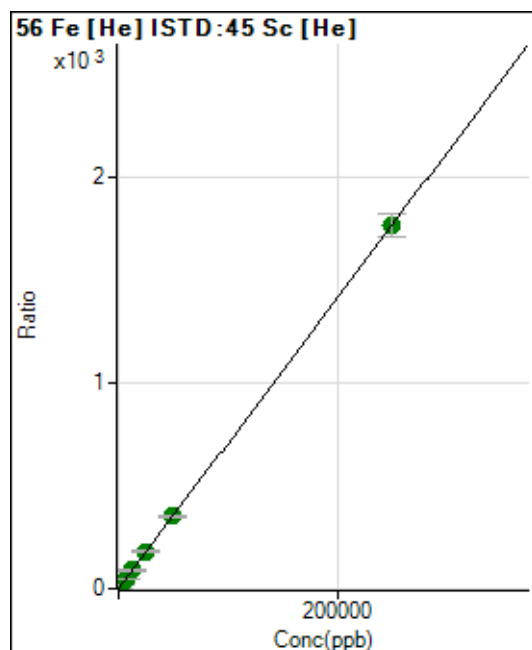
$$R = 0.9999$$

$$DL = 0.02068$$

$$BEC = 0.1724$$

Weight: <None>

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio     | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|-----------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 4106.16     | 0.0322    | P    | 0.8  |
| 2 | <input type="checkbox"/> | 50.000    | 46.436     | 47901.53    | 0.3597    | P    | 13.6 |
| 3 | <input type="checkbox"/> | 2500.000  | 2606.607   | 2396980.16  | 18.4174   | A    | 1.0  |
| 4 | <input type="checkbox"/> | 6250.000  | 6391.373   | 5774927.55  | 45.1124   | A    | 1.6  |
| 5 | <input type="checkbox"/> | 12500.000 | 12743.417  | 11151937.61 | 89.9152   | A    | 5.2  |
| 6 | <input type="checkbox"/> | 25000.000 | 25555.383  | 21908467.17 | 180.2817  | A    | 2.5  |
| 7 | <input type="checkbox"/> | 50000.000 | 49752.384  | 42572458.54 | 350.9502  | A    | 2.6  |
| 8 | <input type="checkbox"/> | 250000.00 | 249977.21  | 190805477.1 | 1,763.193 | A    | 6.4  |

$$y = 0.0071 * x + 0.0322$$

$$R = 1.0000$$

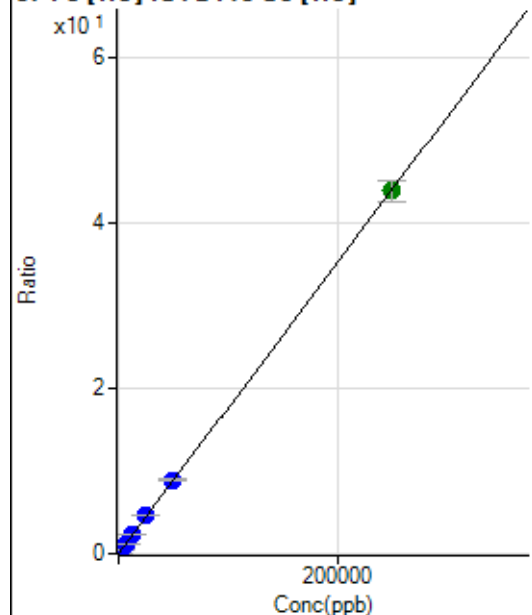
$$DL = 0.1139$$

$$BEC = 4.565$$

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 211.11     | 0.0017  | P        | 10.8 |
| 2 | <input type="checkbox"/> | 50.000    | 46.083     | 1301.18    | 0.0098  | P        | 18.4 |
| 3 | <input type="checkbox"/> | 2500.000  | 2656.619   | 61052.24   | 0.4691  | P        | 1.6  |
| 4 | <input type="checkbox"/> | 6250.000  | 6552.566   | 147824.08  | 1.1547  | P        | 0.8  |
| 5 | <input type="checkbox"/> | 12500.000 | 13093.168  | 285936.86  | 2.3056  | P        | 5.4  |
| 6 | <input type="checkbox"/> | 25000.000 | 26181.869  | 560026.37  | 4.6087  | P        | 2.9  |
| 7 | <input type="checkbox"/> | 50000.000 | 50751.634  | 1083471.89 | 8.9321  | P        | 2.8  |
| 8 | <input type="checkbox"/> | 250000.00 | 249692.69  | 4755702.01 | 43.9384 | A        | 5.9  |

$$y = 1.7596\text{E-}004 * x + 0.0017$$

$$R = 1.0000$$

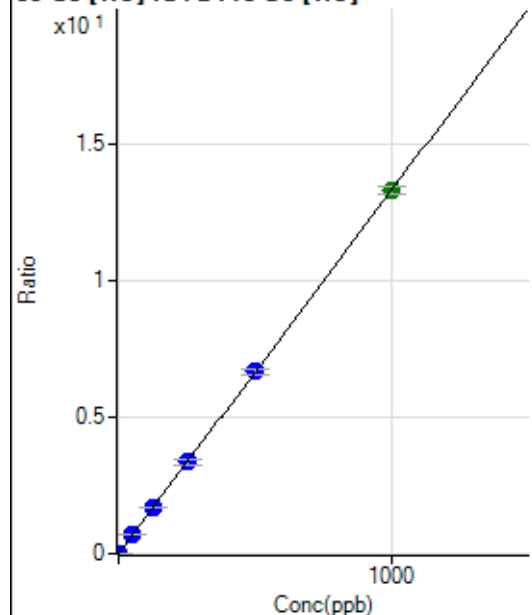
$$DL = 3.059$$

$$BEC = 9.413$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 42.22      | 0.0003  | P        | 15.2 |
| 2 | <input type="checkbox"/> | 1.000    | 0.977      | 1772.34    | 0.0133  | P        | 13.2 |
| 3 | <input type="checkbox"/> | 50.000   | 51.706     | 89429.96   | 0.6871  | P        | 0.9  |
| 4 | <input type="checkbox"/> | 125.000  | 125.612    | 213623.11  | 1.6688  | P        | 1.6  |
| 5 | <input type="checkbox"/> | 250.000  | 252.727    | 416278.83  | 3.3572  | P        | 6.0  |
| 6 | <input type="checkbox"/> | 500.000  | 501.453    | 809400.52  | 6.6610  | P        | 2.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 998.430    | 1608931.52 | 13.2621 | A        | 2.1  |
| 8 | <input type="checkbox"/> |          |            | 4019.47    | 0.0372  | P        | 7.3  |

$$y = 0.0133 * x + 3.3067\text{E-}004$$

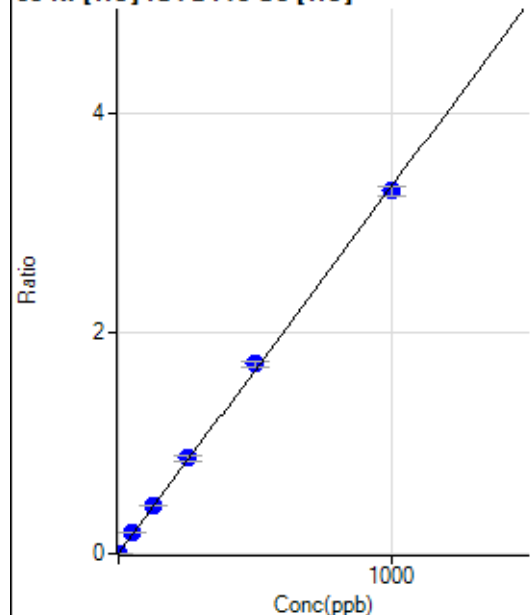
$$R = 1.0000$$

$$DL = 0.01138$$

$$BEC = 0.02489$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-----------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 188.89    | 0.0015 | P        | 8.4 |
| 2 | <input type="checkbox"/> | 1.000    | 1.020      | 652.24    | 0.0049 | P        | 9.9 |
| 3 | <input type="checkbox"/> | 50.000   | 57.311     | 25022.06  | 0.1923 | P        | 1.6 |
| 4 | <input type="checkbox"/> | 125.000  | 132.088    | 56482.40  | 0.4412 | P        | 1.2 |
| 5 | <input type="checkbox"/> | 250.000  | 260.689    | 107796.97 | 0.8693 | P        | 5.8 |
| 6 | <input type="checkbox"/> | 500.000  | 516.178    | 209011.07 | 1.7199 | P        | 2.4 |
| 7 | <input type="checkbox"/> | 1000.000 | 987.987    | 399156.25 | 3.2905 | P        | 2.7 |
| 8 | <input type="checkbox"/> |          |            | 1285.63   | 0.0119 | P        | 5.5 |

$$y = 0.0033 * x + 0.0015$$

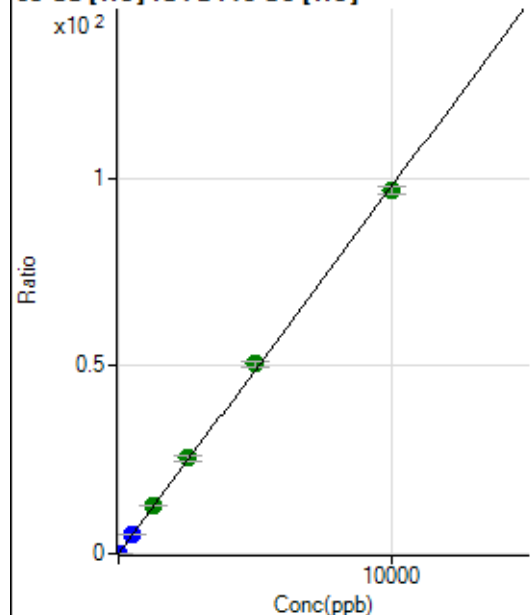
$$R = 0.9997$$

$$DL = 0.1122$$

$$BEC = 0.4444$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 520.01      | 0.0041  | P        | 5.0  |
| 2 | <input type="checkbox"/> | 2.000     | 1.875      | 2976.99     | 0.0224  | P        | 15.7 |
| 3 | <input type="checkbox"/> | 500.000   | 522.009    | 664395.34   | 5.1050  | P        | 1.4  |
| 4 | <input type="checkbox"/> | 1250.000  | 1319.930   | 1651520.10  | 12.9020 | A        | 2.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2603.729   | 3155666.41  | 25.4470 | A        | 5.7  |
| 6 | <input type="checkbox"/> | 5000.000  | 5167.568   | 6136326.30  | 50.5000 | A        | 3.1  |
| 7 | <input type="checkbox"/> | 10000.000 | 9880.442   | 11713620.66 | 96.5529 | A        | 2.1  |
| 8 | <input type="checkbox"/> |           |            | 3175.92     | 0.0294  | P        | 7.5  |

$$y = 0.0098 * x + 0.0041$$

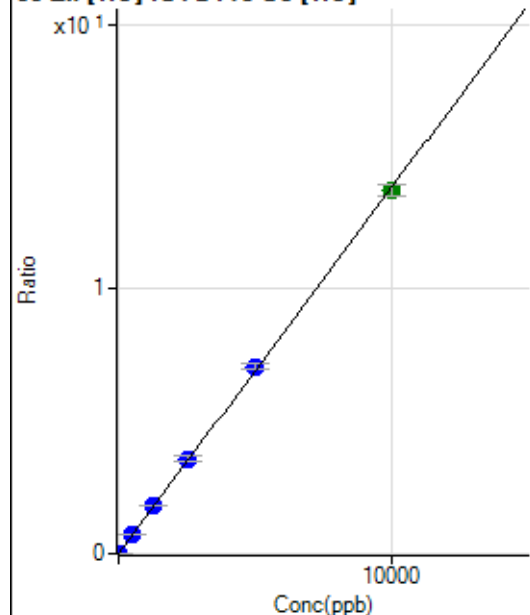
$$R = 0.9997$$

$$DL = 0.06199$$

$$BEC = 0.417$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 121.11     | 0.0010  | P    | 13.5 |
| 2 | <input type="checkbox"/> | 2.000     | 2.051      | 505.57     | 0.0038  | P    | 11.2 |
| 3 | <input type="checkbox"/> | 500.000   | 537.748    | 96942.96   | 0.7449  | P    | 1.1  |
| 4 | <input type="checkbox"/> | 1250.000  | 1301.397   | 230595.32  | 1.8013  | P    | 1.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2597.993   | 445827.89  | 3.5950  | P    | 5.6  |
| 6 | <input type="checkbox"/> | 5000.000  | 5107.286   | 858630.27  | 7.0664  | P    | 3.1  |
| 7 | <input type="checkbox"/> | 10000.000 | 9913.547   | 1663566.66 | 13.7154 | A    | 3.2  |
| 8 | <input type="checkbox"/> |           |            | 1474.53    | 0.0136  | P    | 6.8  |

$$y = 0.0014 * x + 9.5125E-004$$

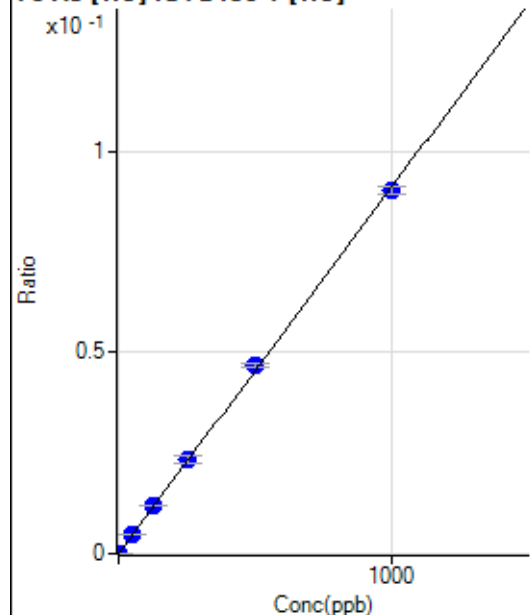
$$R = 0.9999$$

$$DL = 0.279$$

$$BEC = 0.6876$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2.22      | 0.0000 | P    | 86.6 |
| 2 | <input type="checkbox"/> | 1.000    | 0.874      | 104.45    | 0.0001 | P    | 30.0 |
| 3 | <input type="checkbox"/> | 50.000   | 51.724     | 5979.04   | 0.0047 | P    | 2.0  |
| 4 | <input type="checkbox"/> | 125.000  | 129.748    | 14928.72  | 0.0118 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 250.000  | 257.127    | 29031.76  | 0.0234 | P    | 7.4  |
| 6 | <input type="checkbox"/> | 500.000  | 514.526    | 56993.33  | 0.0468 | P    | 1.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 990.276    | 109487.77 | 0.0901 | P    | 2.2  |
| 8 | <input type="checkbox"/> |          |            | 35.55     | 0.0000 | P    | 21.6 |

$$y = 9.0975E-005 * x + 1.7338E-006$$

$$R = 0.9998$$

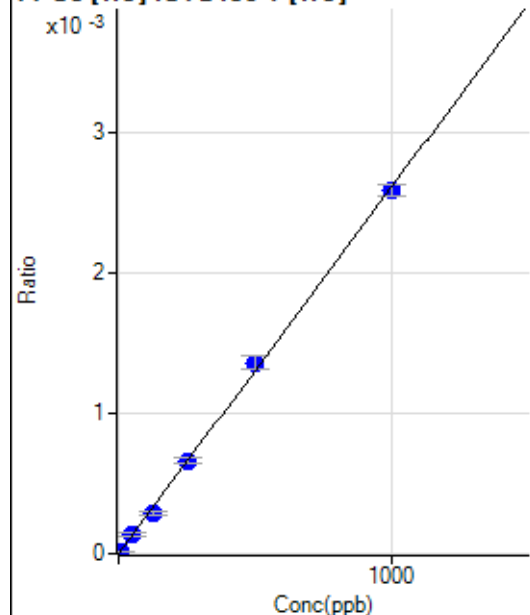
$$DL = 0.04953$$

$$BEC = 0.01906$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS     | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|---------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 0.00    | 0.0000 | P        |      |
| 2 | <input type="checkbox"/> | 5.000    | 4.026      | 13.33   | 0.0000 | P        | 51.2 |
| 3 | <input type="checkbox"/> | 50.000   | 52.325     | 173.34  | 0.0001 | P        | 15.9 |
| 4 | <input type="checkbox"/> | 125.000  | 112.401    | 371.12  | 0.0003 | P        | 10.0 |
| 5 | <input type="checkbox"/> | 250.000  | 252.958    | 820.03  | 0.0007 | P        | 6.7  |
| 6 | <input type="checkbox"/> | 500.000  | 521.596    | 1656.78 | 0.0014 | P        | 7.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 989.926    | 3139.26 | 0.0026 | P        | 3.2  |
| 8 | <input type="checkbox"/> |          |            | 8.89    | 0.0000 | P        | 98.9 |

$$y = 2.6099\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9995$$

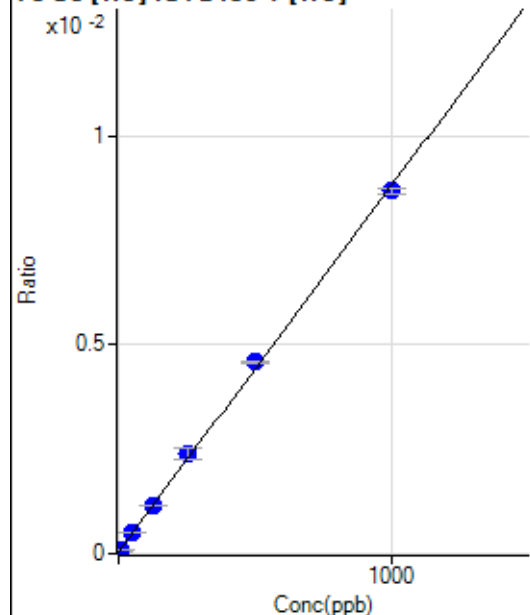
$$DL = 0$$

$$BEC = 0$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS      | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 60.00    | 0.0000 | P        | 9.4  |
| 2 | <input type="checkbox"/> | 5.000    | 5.278      | 120.00   | 0.0001 | P        | 25.6 |
| 3 | <input type="checkbox"/> | 50.000   | 52.634     | 645.58   | 0.0005 | P        | 5.3  |
| 4 | <input type="checkbox"/> | 125.000  | 124.169    | 1435.64  | 0.0011 | P        | 1.2  |
| 5 | <input type="checkbox"/> | 250.000  | 269.076    | 2981.44  | 0.0024 | P        | 11.4 |
| 6 | <input type="checkbox"/> | 500.000  | 519.512    | 5602.22  | 0.0046 | P        | 0.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 985.446    | 10554.95 | 0.0087 | P        | 1.9  |
| 8 | <input type="checkbox"/> |          |            | 103.34   | 0.0001 | P        | 26.9 |

$$y = 8.7653\text{E-}006 * x + 4.6994\text{E-}005$$

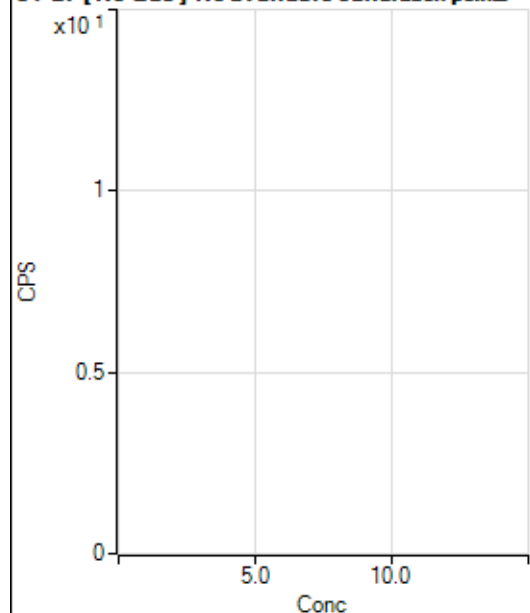
$$R = 0.9995$$

$$DL = 1.517$$

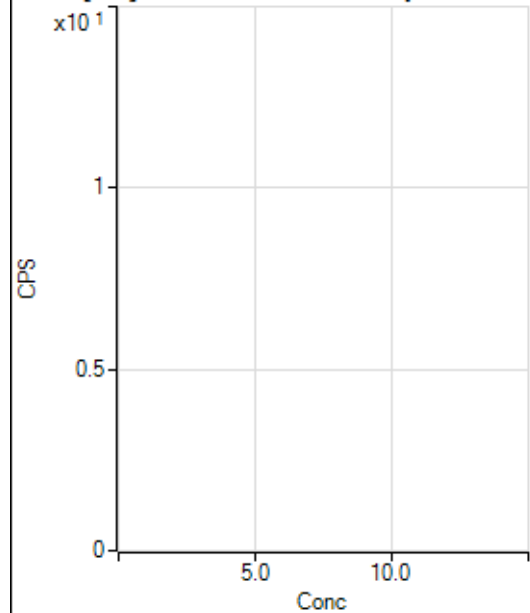
$$BEC = 5.361$$

Weight: &lt;None&gt;

Min Conc: 0

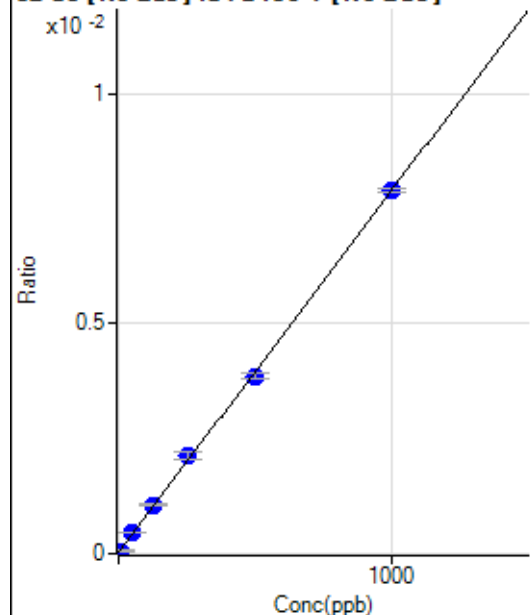
**81 Br [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 23003.60 |       | P        | 1.5 |
| 2 | <input type="checkbox"/> |       |            | 23174.90 |       | P        | 0.3 |
| 3 | <input type="checkbox"/> |       |            | 23219.50 |       | P        | 0.9 |
| 4 | <input type="checkbox"/> |       |            | 22724.29 |       | P        | 0.9 |
| 5 | <input type="checkbox"/> |       |            | 22571.82 |       | P        | 2.2 |
| 6 | <input type="checkbox"/> |       |            | 21886.35 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> |       |            | 22541.78 |       | P        | 1.1 |
| 8 | <input type="checkbox"/> |       |            | 22115.56 |       | P        | 1.2 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 24.44  |       | P        | 34.3 |
| 2 | <input type="checkbox"/> |       |            | 34.44  |       | P        | 5.6  |
| 3 | <input type="checkbox"/> |       |            | 28.89  |       | P        | 13.3 |
| 4 | <input type="checkbox"/> |       |            | 35.56  |       | P        | 32.9 |
| 5 | <input type="checkbox"/> |       |            | 26.67  |       | P        | 12.5 |
| 6 | <input type="checkbox"/> |       |            | 35.56  |       | P        | 23.6 |
| 7 | <input type="checkbox"/> |       |            | 35.56  |       | P        | 35.5 |
| 8 | <input type="checkbox"/> |       |            | 140.00 |       | P        | 15.6 |



**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      | 203.55   | 0.0000 | P    | 13.9 |
| 2 | <input type="checkbox"/> | 5.000    | 4.641      | 502.77   | 0.0001 | P    | 6.0  |
| 3 | <input type="checkbox"/> | 50.000   | 55.473     | 3568.73  | 0.0005 | P    | 2.6  |
| 4 | <input type="checkbox"/> | 125.000  | 131.410    | 8409.06  | 0.0011 | P    | 3.3  |
| 5 | <input type="checkbox"/> | 250.000  | 270.131    | 16118.42 | 0.0021 | P    | 7.6  |
| 6 | <input type="checkbox"/> | 500.000  | 488.405    | 30925.38 | 0.0039 | P    | 4.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 999.691    | 59946.07 | 0.0079 | P    | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 532.73   | 0.0001 | P    | 3.3  |

$$y = 7.8555E-006 * x + 2.5602E-005$$

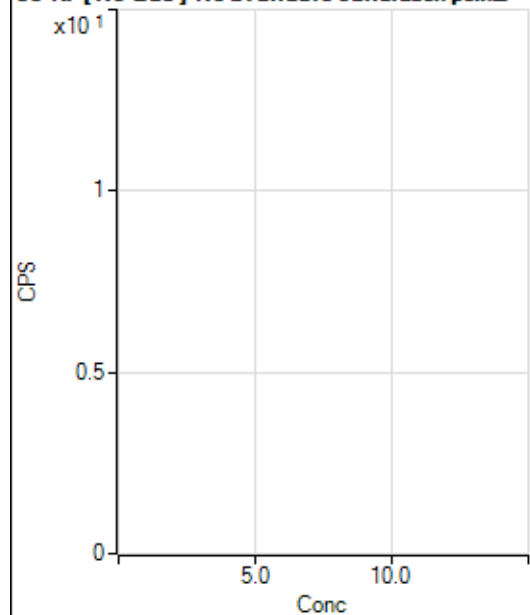
$$R = 0.9997$$

$$DL = 1.354$$

$$BEC = 3.259$$

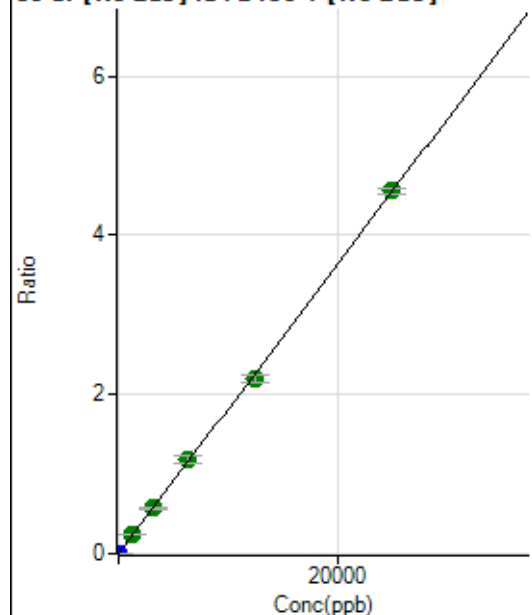
Weight: &lt;None&gt;

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"/> |       |            | 68.89  |       | P    | 7.4  |
| 2 | <input type="checkbox"/> |       |            | 65.55  |       | P    | 29.8 |
| 3 | <input type="checkbox"/> |       |            | 70.00  |       | P    | 12.6 |
| 4 | <input type="checkbox"/> |       |            | 63.33  |       | P    | 27.9 |
| 5 | <input type="checkbox"/> |       |            | 93.33  |       | P    | 7.1  |
| 6 | <input type="checkbox"/> |       |            | 67.78  |       | P    | 39.8 |
| 7 | <input type="checkbox"/> |       |            | 83.33  |       | P    | 24.3 |
| 8 | <input type="checkbox"/> |       |            | 105.56 |       | P    | 20.5 |

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      | 132.22      | 0.0000 | P   | 19.4 |
| 2 | <input type="checkbox"/> | 1.000     | 0.821      | 1333.41     | 0.0002 | P   | 17.7 |
| 3 | <input type="checkbox"/> | 1250.000  | 1308.690   | 1835554.19  | 0.2374 | A   | 3.9  |
| 4 | <input type="checkbox"/> | 3125.000  | 3152.063   | 4545421.04  | 0.5717 | A   | 2.6  |
| 5 | <input type="checkbox"/> | 6250.000  | 6574.528   | 8948416.67  | 1.1925 | A   | 8.0  |
| 6 | <input type="checkbox"/> | 12500.000 | 12078.620  | 17542450.43 | 2.1908 | A   | 4.0  |
| 7 | <input type="checkbox"/> | 25000.000 | 25123.241  | 34670653.37 | 4.5569 | A   | 1.6  |
| 8 | <input type="checkbox"/> |           |            | 5502.21     | 0.0008 | P   | 16.2 |

$$y = 1.8138E-004 * x + 1.6641E-005$$

$$R = 0.9997$$

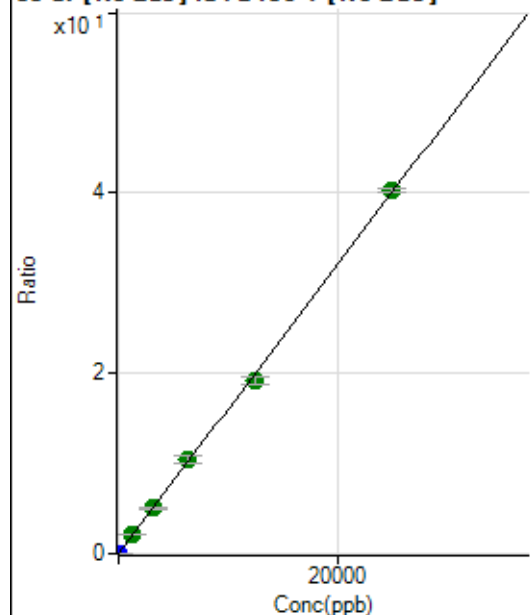
$$DL = 0.0535$$

$$BEC = 0.09174$$

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      | 208.89      | 0.0000  | P   | 19.9 |
| 2 | <input type="checkbox"/> | 1.000     | 0.858      | 11308.87    | 0.0014  | P   | 7.2  |
| 3 | <input type="checkbox"/> | 1250.000  | 1309.527   | 16183066.01 | 2.0933  | A   | 4.7  |
| 4 | <input type="checkbox"/> | 3125.000  | 3140.869   | 39914499.68 | 5.0208  | A   | 2.8  |
| 5 | <input type="checkbox"/> | 6250.000  | 6539.529   | 78450768.83 | 10.4537 | A   | 7.9  |
| 6 | <input type="checkbox"/> | 12500.000 | 12007.950  | 153695984.3 | 19.1951 | A   | 4.1  |
| 7 | <input type="checkbox"/> | 25000.000 | 25168.683  | 306116206.5 | 40.2330 | A   | 1.1  |
| 8 | <input type="checkbox"/> |           |            | 47741.88    | 0.0068  | P   | 14.5 |

$$y = 0.0016 * x + 2.6400E-005$$

$$R = 0.9996$$

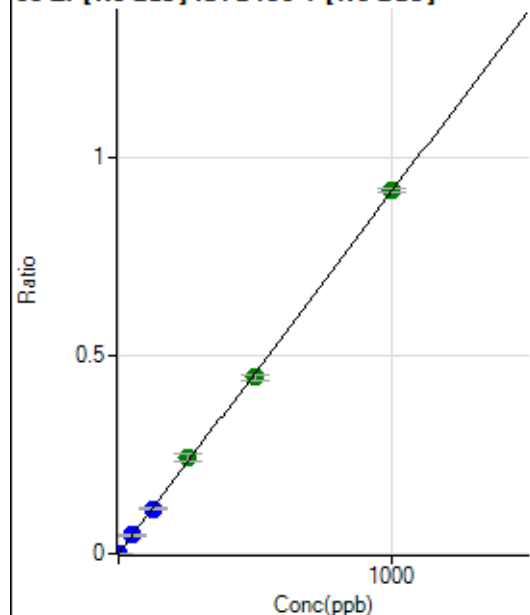
$$DL = 0.009835$$

$$BEC = 0.01652$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 245.56     | 0.0000 | P        | 14.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.861      | 6605.98    | 0.0008 | P        | 10.1 |
| 3 | <input type="checkbox"/> | 50.000   | 51.520     | 364136.58  | 0.0471 | P        | 4.9  |
| 4 | <input type="checkbox"/> | 125.000  | 123.237    | 895333.90  | 0.1126 | P        | 3.3  |
| 5 | <input type="checkbox"/> | 250.000  | 264.111    | 1810843.58 | 0.2414 | A        | 8.3  |
| 6 | <input type="checkbox"/> | 500.000  | 486.964    | 3563669.25 | 0.4450 | A        | 3.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 1003.135   | 6974235.38 | 0.9166 | A        | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 3334.85    | 0.0005 | P        | 3.2  |

$$y = 9.1373\text{E-}004 * x + 3.0809\text{E-}005$$

$$R = 0.9998$$

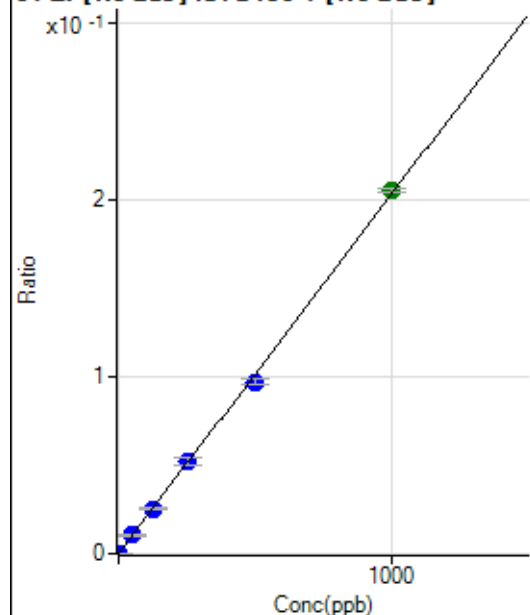
$$DL = 0.01487$$

$$BEC = 0.03372$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 54.45      | 0.0000 | P        | 15.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.838      | 1432.30    | 0.0002 | P        | 6.1  |
| 3 | <input type="checkbox"/> | 50.000   | 51.900     | 81544.65   | 0.0105 | P        | 4.7  |
| 4 | <input type="checkbox"/> | 125.000  | 124.202    | 200562.16  | 0.0252 | P        | 3.8  |
| 5 | <input type="checkbox"/> | 250.000  | 257.179    | 392184.32  | 0.0522 | P        | 7.2  |
| 6 | <input type="checkbox"/> | 500.000  | 477.364    | 776553.36  | 0.0970 | P        | 3.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 1009.528   | 1560251.38 | 0.2051 | A        | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 734.47     | 0.0001 | P        | 5.8  |

$$y = 2.0311\text{E-}004 * x + 6.8180\text{E-}006$$

$$R = 0.9996$$

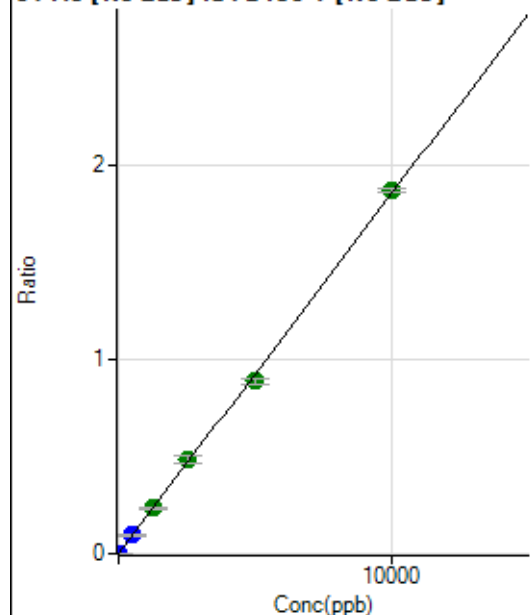
$$DL = 0.01576$$

$$BEC = 0.03357$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 176.67      | 0.0000 | P   | 9.6  |
| 2 | <input type="checkbox"/> | 5.000     | 5.001      | 7658.73     | 0.0009 | P   | 9.7  |
| 3 | <input type="checkbox"/> | 500.000   | 519.669    | 743680.94   | 0.0962 | P   | 5.1  |
| 4 | <input type="checkbox"/> | 1250.000  | 1257.410   | 1850076.24  | 0.2328 | A   | 3.6  |
| 5 | <input type="checkbox"/> | 2500.000  | 2596.089   | 3606058.59  | 0.4805 | A   | 8.0  |
| 6 | <input type="checkbox"/> | 5000.000  | 4786.506   | 7093958.65  | 0.8860 | A   | 4.2  |
| 7 | <input type="checkbox"/> | 10000.000 | 10080.815  | 14196873.96 | 1.8659 | A   | 1.2  |
| 8 | <input type="checkbox"/> |           |            | 3953.91     | 0.0006 | P   | 10.1 |

$$y = 1.8510E-004 * x + 2.2184E-005$$

$$R = 0.9996$$

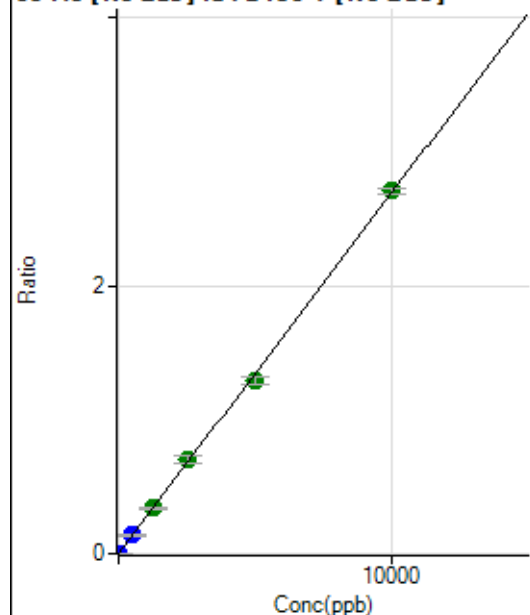
$$DL = 0.0345$$

$$BEC = 0.1199$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 434.46      | 0.0001 | P   | 8.5 |
| 2 | <input type="checkbox"/> | 5.000     | 4.109      | 9363.06     | 0.0012 | P   | 9.8 |
| 3 | <input type="checkbox"/> | 500.000   | 516.796    | 1074319.32  | 0.1390 | P   | 4.7 |
| 4 | <input type="checkbox"/> | 1250.000  | 1260.956   | 2694291.91  | 0.3390 | A   | 4.1 |
| 5 | <input type="checkbox"/> | 2500.000  | 2606.184   | 5258949.96  | 0.7006 | A   | 7.4 |
| 6 | <input type="checkbox"/> | 5000.000  | 4811.489   | 10357223.18 | 1.2934 | A   | 3.7 |
| 7 | <input type="checkbox"/> | 10000.000 | 10065.501  | 20585938.17 | 2.7057 | A   | 1.4 |
| 8 | <input type="checkbox"/> |           |            | 4681.90     | 0.0007 | P   | 9.5 |

$$y = 2.6881E-004 * x + 5.4497E-005$$

$$R = 0.9997$$

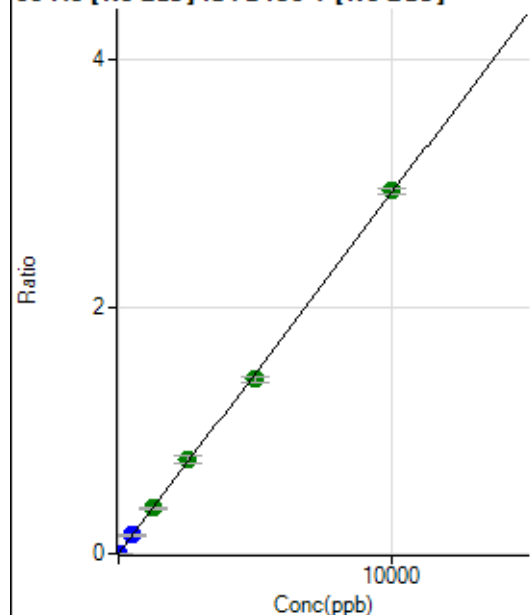
$$DL = 0.05176$$

$$BEC = 0.2027$$

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<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 100.00      | 0.0000 | P        | 33.9 |
| 2 | <input type="checkbox"/> | 5.000     | 4.209      | 10055.74    | 0.0012 | P        | 7.0  |
| 3 | <input type="checkbox"/> | 500.000   | 518.149    | 1171184.42  | 0.1515 | P        | 4.7  |
| 4 | <input type="checkbox"/> | 1250.000  | 1265.150   | 2939793.95  | 0.3699 | A        | 4.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2597.505   | 5698990.19  | 0.7594 | A        | 7.9  |
| 6 | <input type="checkbox"/> | 5000.000  | 4827.530   | 11303819.55 | 1.4114 | A        | 3.1  |
| 7 | <input type="checkbox"/> | 10000.000 | 10059.058  | 22374604.94 | 2.9409 | A        | 1.8  |
| 8 | <input type="checkbox"/> |           |            | 10950.86    | 0.0016 | P        | 5.7  |

$$y = 2.9236\text{E-}004 * x + 1.2654\text{E-}005$$

$$R = 0.9997$$

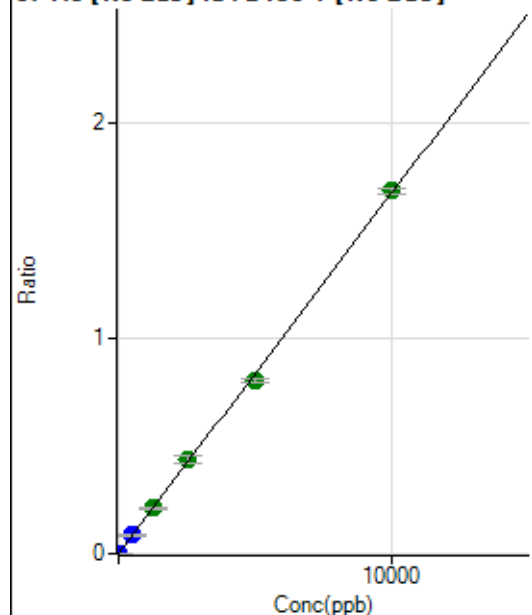
$$DL = 0.04402$$

$$BEC = 0.04328$$

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<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 108.89      | 0.0000 | P        | 22.5 |
| 2 | <input type="checkbox"/> | 5.000     | 4.150      | 5728.95     | 0.0007 | P        | 10.7 |
| 3 | <input type="checkbox"/> | 500.000   | 518.338    | 671769.83   | 0.0869 | P        | 4.5  |
| 4 | <input type="checkbox"/> | 1250.000  | 1261.408   | 1680695.53  | 0.2114 | A        | 3.4  |
| 5 | <input type="checkbox"/> | 2500.000  | 2601.396   | 3270917.03  | 0.4360 | A        | 8.7  |
| 6 | <input type="checkbox"/> | 5000.000  | 4808.442   | 6455818.72  | 0.8060 | A        | 2.5  |
| 7 | <input type="checkbox"/> | 10000.000 | 10068.087  | 12839353.42 | 1.6875 | A        | 1.4  |
| 8 | <input type="checkbox"/> |           |            | 2742.51     | 0.0004 | P        | 10.4 |

$$y = 1.6761\text{E-}004 * x + 1.3774\text{E-}005$$

$$R = 0.9997$$

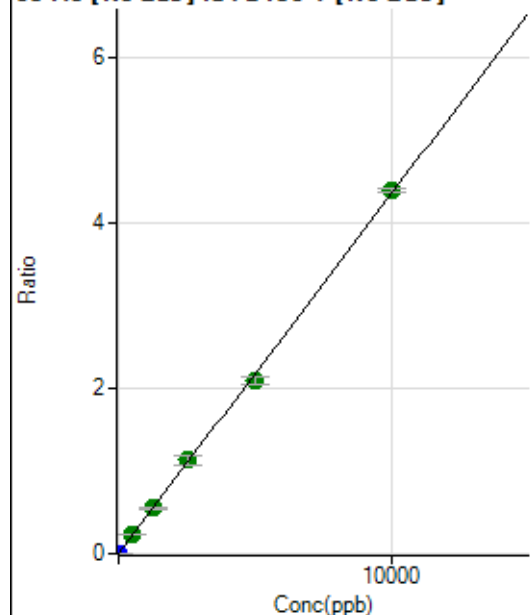
$$DL = 0.05542$$

$$BEC = 0.08218$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 64.44       | 0.0000 | P        | 16.3 |
| 2 | <input type="checkbox"/> | 5.000     | 4.184      | 14785.38    | 0.0018 | P        | 7.9  |
| 3 | <input type="checkbox"/> | 500.000   | 524.715    | 1764123.15  | 0.2283 | A        | 6.5  |
| 4 | <input type="checkbox"/> | 1250.000  | 1257.462   | 4349263.51  | 0.5471 | A        | 3.3  |
| 5 | <input type="checkbox"/> | 2500.000  | 2591.018   | 8455632.58  | 1.1274 | A        | 9.1  |
| 6 | <input type="checkbox"/> | 5000.000  | 4800.983   | 16725878.64 | 2.0890 | A        | 4.2  |
| 7 | <input type="checkbox"/> | 10000.000 | 10074.586  | 33352604.78 | 4.3836 | A        | 1.0  |
| 8 | <input type="checkbox"/> |           |            | 6449.28     | 0.0009 | P        | 11.6 |

$$y = 4.3511\text{E-}004 * x + 8.0707\text{E-}006$$

$$R = 0.9997$$

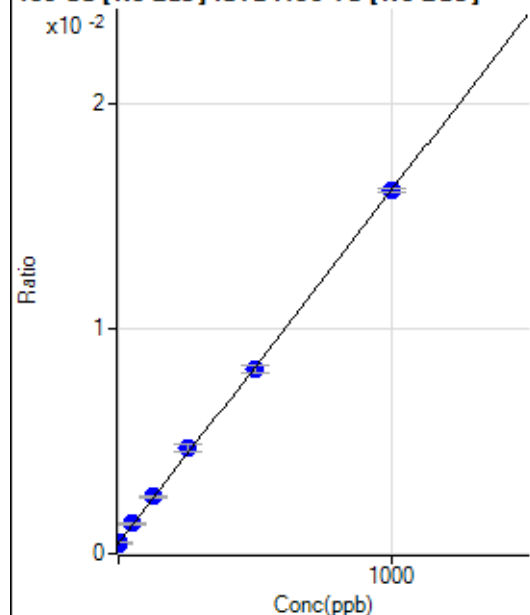
$$DL = 0.009084$$

$$BEC = 0.01855$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-----------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3440.45   | 0.0005 | P        | 2.0 |
| 2 | <input type="checkbox"/> | 1.000    | 1.186      | 3634.94   | 0.0005 | P        | 0.9 |
| 3 | <input type="checkbox"/> | 50.000   | 54.885     | 9484.27   | 0.0013 | P        | 3.9 |
| 4 | <input type="checkbox"/> | 125.000  | 131.863    | 18468.50  | 0.0025 | P        | 3.9 |
| 5 | <input type="checkbox"/> | 250.000  | 269.047    | 32552.02  | 0.0047 | P        | 7.8 |
| 6 | <input type="checkbox"/> | 500.000  | 491.688    | 61037.35  | 0.0082 | P        | 4.2 |
| 7 | <input type="checkbox"/> | 1000.000 | 998.292    | 114406.97 | 0.0161 | P        | 1.1 |
| 8 | <input type="checkbox"/> |          |            | 3213.72   | 0.0005 | P        | 2.8 |

$$y = 1.5703\text{E-}005 * x + 4.6614\text{E-}004$$

$$R = 0.9997$$

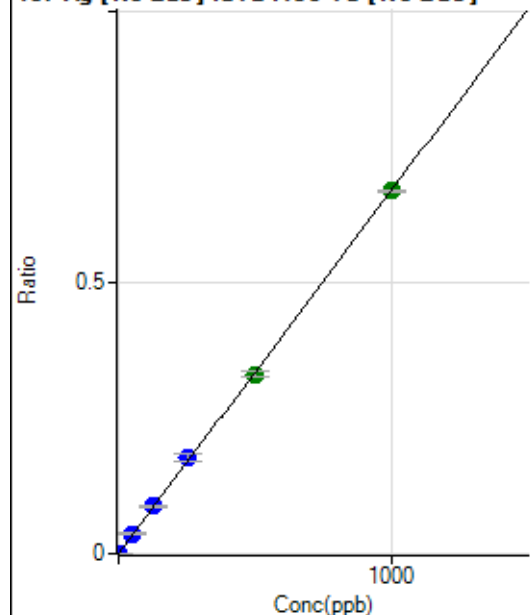
$$DL = 1.813$$

$$BEC = 29.68$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 68.89      | 0.0000 | P   | 2.2 |
| 2 | <input type="checkbox"/> | 1.000    | 0.869      | 4424.04    | 0.0006 | P   | 7.4 |
| 3 | <input type="checkbox"/> | 50.000   | 54.781     | 262107.85  | 0.0367 | P   | 4.2 |
| 4 | <input type="checkbox"/> | 125.000  | 130.887    | 638705.16  | 0.0877 | P   | 2.2 |
| 5 | <input type="checkbox"/> | 250.000  | 264.147    | 1228091.05 | 0.1770 | P   | 7.9 |
| 6 | <input type="checkbox"/> | 500.000  | 494.139    | 2468547.59 | 0.3311 | A   | 4.0 |
| 7 | <input type="checkbox"/> | 1000.000 | 998.419    | 4741286.73 | 0.6690 | A   | 0.8 |
| 8 | <input type="checkbox"/> |          |            | 1048.94    | 0.0002 | P   | 1.7 |

$$y = 6.7003\text{E-}004 * x + 9.3348\text{E-}006$$

$$R = 0.9999$$

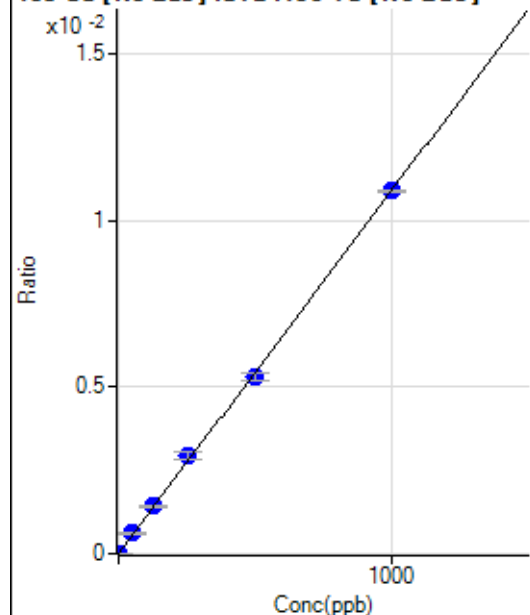
$$DL = 0.0009095$$

$$BEC = 0.01393$$

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      | 4.44     | 0.0000 | P   | 113. |
| 2 | <input type="checkbox"/> | 1.000    | 1.032      | 88.89    | 0.0000 | P   | 6.6  |
| 3 | <input type="checkbox"/> | 50.000   | 56.158     | 4376.26  | 0.0006 | P   | 2.8  |
| 4 | <input type="checkbox"/> | 125.000  | 131.125    | 10413.82 | 0.0014 | P   | 3.2  |
| 5 | <input type="checkbox"/> | 250.000  | 270.414    | 20462.29 | 0.0029 | P   | 7.6  |
| 6 | <input type="checkbox"/> | 500.000  | 488.439    | 39707.57 | 0.0053 | P   | 3.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 999.603    | 77235.18 | 0.0109 | P   | 0.2  |
| 8 | <input type="checkbox"/> |          |            | 67.78    | 0.0000 | P   | 25.9 |

$$y = 1.0901\text{E-}005 * x + 5.8308\text{E-}007$$

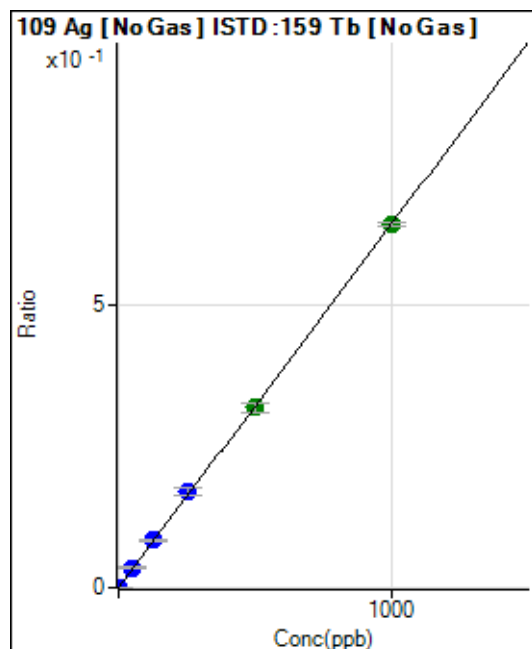
$$R = 0.9997$$

$$DL = 0.1817$$

$$BEC = 0.05349$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 16.67      | 0.0000 | P    | 21.6 |
| 2 | <input type="checkbox"/> | 1.000    | 0.834      | 4028.38    | 0.0005 | P    | 6.4  |
| 3 | <input type="checkbox"/> | 50.000   | 54.428     | 249874.02  | 0.0350 | P    | 4.7  |
| 4 | <input type="checkbox"/> | 125.000  | 130.294    | 610174.83  | 0.0838 | P    | 2.6  |
| 5 | <input type="checkbox"/> | 250.000  | 263.157    | 1174357.12 | 0.1692 | P    | 7.8  |
| 6 | <input type="checkbox"/> | 500.000  | 496.383    | 2379264.32 | 0.3192 | A    | 5.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 997.636    | 4547096.36 | 0.6416 | A    | 0.9  |
| 8 | <input type="checkbox"/> |          |            | 922.26     | 0.0001 | P    | 15.3 |

$$y = 6.4310\text{E-}004 * x + 2.2655\text{E-}006$$

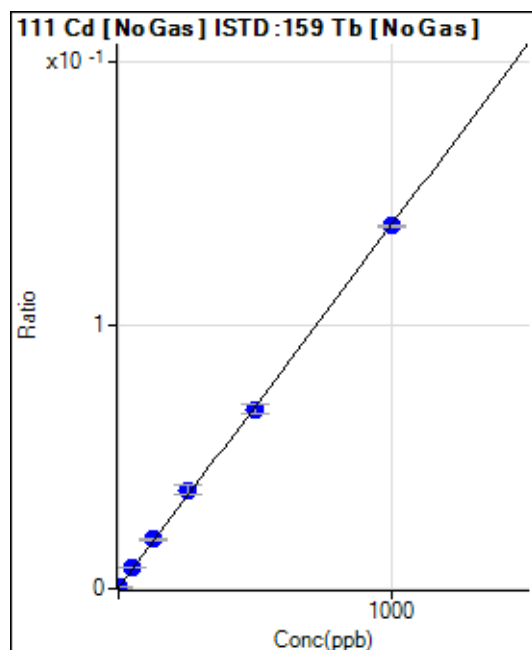
$$R = 0.9999$$

$$DL = 0.002286$$

$$BEC = 0.003523$$

Weight: <None>

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2411.87   | 0.0003 | P    | 1.9 |
| 2 | <input type="checkbox"/> | 1.000    | 0.972      | 3452.27   | 0.0005 | P    | 3.1 |
| 3 | <input type="checkbox"/> | 50.000   | 55.768     | 57283.64  | 0.0080 | P    | 3.3 |
| 4 | <input type="checkbox"/> | 125.000  | 133.734    | 136755.58 | 0.0188 | P    | 2.7 |
| 5 | <input type="checkbox"/> | 250.000  | 270.241    | 260987.51 | 0.0376 | P    | 8.1 |
| 6 | <input type="checkbox"/> | 500.000  | 492.464    | 508969.76 | 0.0683 | P    | 4.8 |
| 7 | <input type="checkbox"/> | 1000.000 | 997.327    | 977693.37 | 0.1379 | P    | 0.7 |
| 8 | <input type="checkbox"/> |          |            | 2751.06   | 0.0004 | P    | 3.2 |

$$y = 1.3799\text{E-}004 * x + 3.2677\text{E-}004$$

$$R = 0.9997$$

$$DL = 0.1337$$

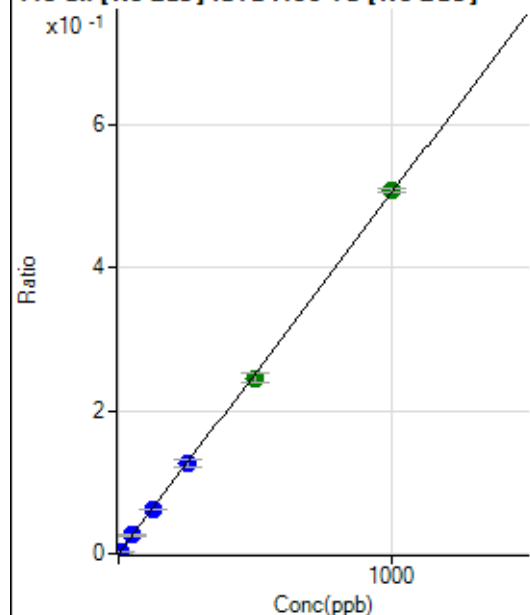
$$BEC = 2.368$$

Weight: <None>

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      | 435.57     | 0.0001 | P    | 3.7 |
| 2 | <input type="checkbox"/> | 5.000    | 4.345      | 16843.24   | 0.0023 | P    | 6.0 |
| 3 | <input type="checkbox"/> | 50.000   | 51.248     | 185071.97  | 0.0259 | P    | 4.1 |
| 4 | <input type="checkbox"/> | 125.000  | 123.296    | 453555.02  | 0.0623 | P    | 2.6 |
| 5 | <input type="checkbox"/> | 250.000  | 251.891    | 882601.57  | 0.1272 | P    | 7.7 |
| 6 | <input type="checkbox"/> | 500.000  | 486.984    | 1832406.07 | 0.2458 | A    | 5.0 |
| 7 | <input type="checkbox"/> | 1000.000 | 1006.189   | 3599532.90 | 0.5079 | A    | 1.1 |
| 8 | <input type="checkbox"/> |          |            | 1880.15    | 0.0003 | P    | 3.2 |

$$y = 5.0470\text{E-}004 * x + 5.8926\text{E-}005$$

$$R = 0.9999$$

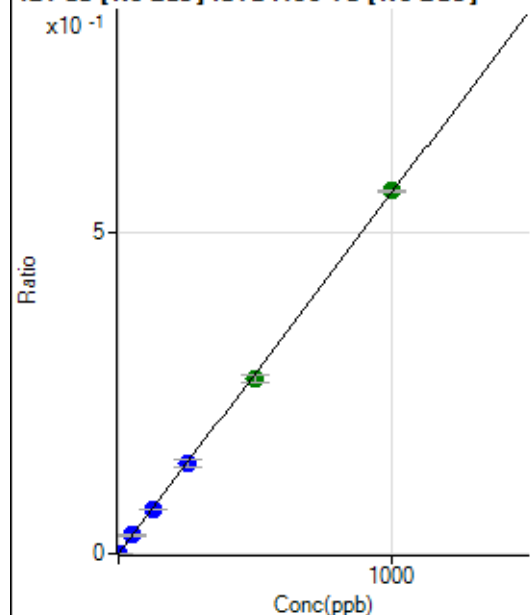
$$DL = 0.01288$$

$$BEC = 0.1168$$

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      | 34.45      | 0.0000 | P    | 30.4 |
| 2 | <input type="checkbox"/> | 2.000    | 1.662      | 6989.55    | 0.0009 | P    | 10.3 |
| 3 | <input type="checkbox"/> | 50.000   | 51.176     | 204819.10  | 0.0287 | P    | 4.2  |
| 4 | <input type="checkbox"/> | 125.000  | 122.580    | 500381.50  | 0.0687 | P    | 2.3  |
| 5 | <input type="checkbox"/> | 250.000  | 252.311    | 981444.18  | 0.1414 | P    | 7.7  |
| 6 | <input type="checkbox"/> | 500.000  | 486.514    | 2033119.52 | 0.2727 | A    | 4.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 1006.410   | 3998126.64 | 0.5641 | A    | 0.5  |
| 8 | <input type="checkbox"/> |          |            | 2633.60    | 0.0004 | P    | 4.4  |

$$y = 5.6052\text{E-}004 * x + 4.6601\text{E-}006$$

$$R = 0.9999$$

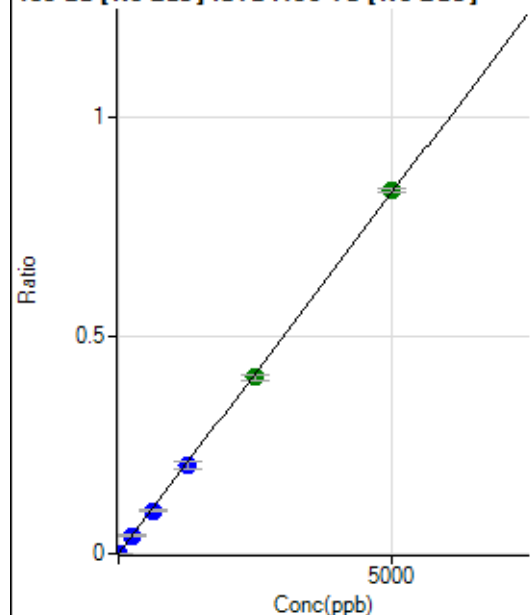
$$DL = 0.007584$$

$$BEC = 0.008314$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 20.00      | 0.0000 | P        | 15.1 |
| 2 | <input type="checkbox"/> | 10.000   | 8.336      | 10312.72   | 0.0014 | P        | 8.4  |
| 3 | <input type="checkbox"/> | 250.000  | 250.839    | 295899.86  | 0.0414 | P        | 4.0  |
| 4 | <input type="checkbox"/> | 625.000  | 599.761    | 721637.86  | 0.0991 | P        | 2.1  |
| 5 | <input type="checkbox"/> | 1250.000 | 1233.328   | 1413898.73 | 0.2038 | P        | 7.9  |
| 6 | <input type="checkbox"/> | 2500.000 | 2447.879   | 3015564.43 | 0.4044 | A        | 3.7  |
| 7 | <input type="checkbox"/> | 5000.000 | 5033.345   | 5893819.63 | 0.8316 | A        | 1.2  |
| 8 | <input type="checkbox"/> |          |            | 3313.75    | 0.0005 | P        | 2.4  |

$$y = 1.6522\text{E-}004 * x + 2.7067\text{E-}006$$

$$R = 0.9999$$

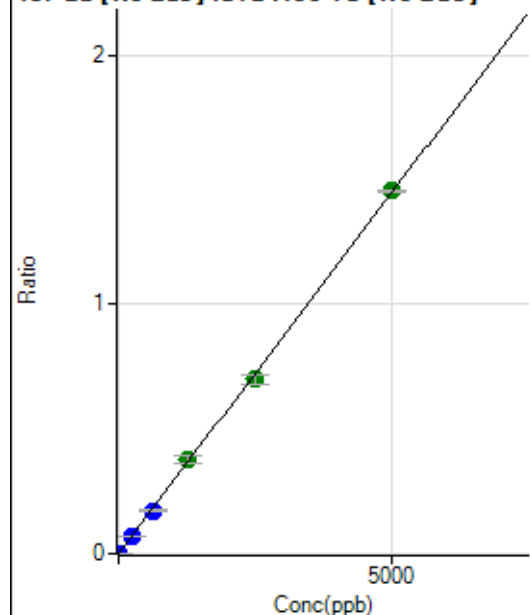
$$DL = 0.007418$$

$$BEC = 0.01638$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 26.67       | 0.0000 | P        | 30.6 |
| 2 | <input type="checkbox"/> | 10.000   | 8.339      | 18049.31    | 0.0024 | P        | 9.4  |
| 3 | <input type="checkbox"/> | 250.000  | 248.302    | 512958.58   | 0.0718 | P        | 3.9  |
| 4 | <input type="checkbox"/> | 625.000  | 595.988    | 1255766.02  | 0.1724 | P        | 2.4  |
| 5 | <input type="checkbox"/> | 1250.000 | 1313.930   | 2638177.46  | 0.3802 | A        | 7.8  |
| 6 | <input type="checkbox"/> | 2500.000 | 2414.188   | 5206413.57  | 0.6985 | A        | 5.0  |
| 7 | <input type="checkbox"/> | 5000.000 | 5030.638   | 10316200.33 | 1.4556 | A        | 0.2  |
| 8 | <input type="checkbox"/> |          |            | 5502.23     | 0.0008 | P        | 5.0  |

$$y = 2.8934\text{E-}004 * x + 3.5873\text{E-}006$$

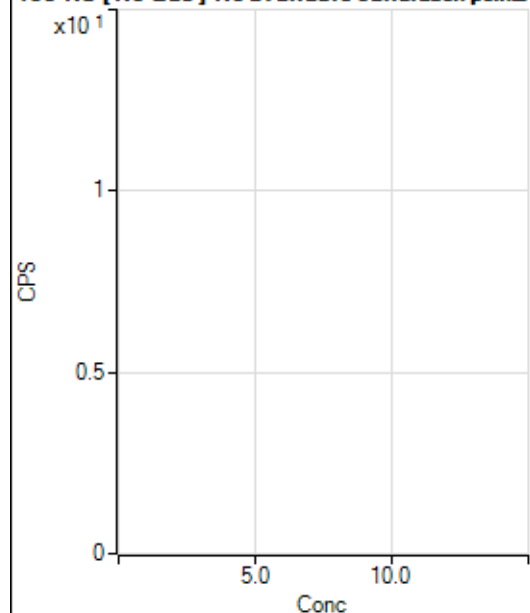
$$R = 0.9997$$

$$DL = 0.01139$$

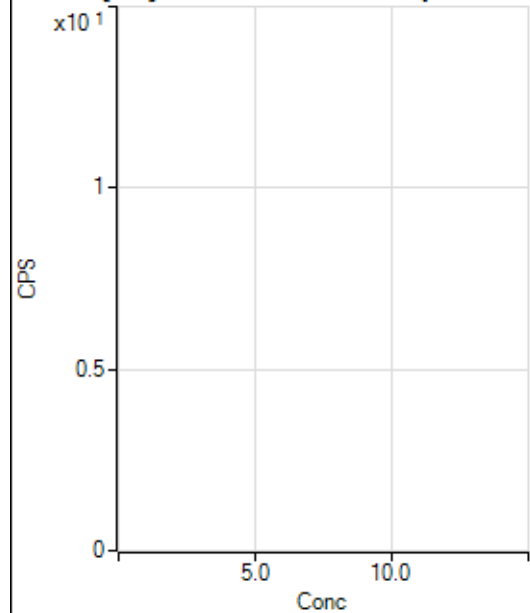
$$BEC = 0.0124$$

Weight: &lt;None&gt;

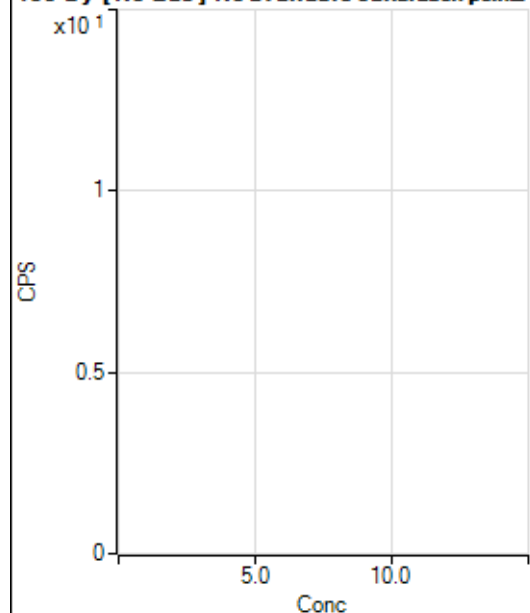
Min Conc: 0

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

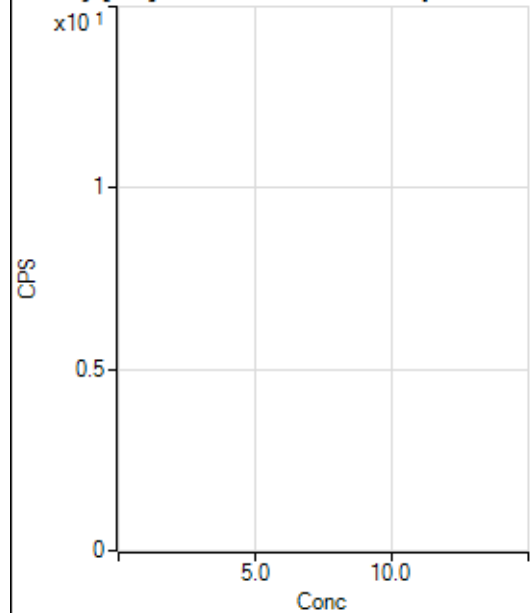
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 4.44   |       | P        | 43.4 |
| 2 | <input type="checkbox"/> |       |            | 12.22  |       | P        | 15.7 |
| 3 | <input type="checkbox"/> |       |            | 46.67  |       | P        | 7.1  |
| 4 | <input type="checkbox"/> |       |            | 135.56 |       | P        | 10.2 |
| 5 | <input type="checkbox"/> |       |            | 268.89 |       | P        | 18.0 |
| 6 | <input type="checkbox"/> |       |            | 503.35 |       | P        | 9.9  |
| 7 | <input type="checkbox"/> |       |            | 998.93 |       | P        | 7.0  |
| 8 | <input type="checkbox"/> |       |            | 175.56 |       | P        | 20.3 |

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

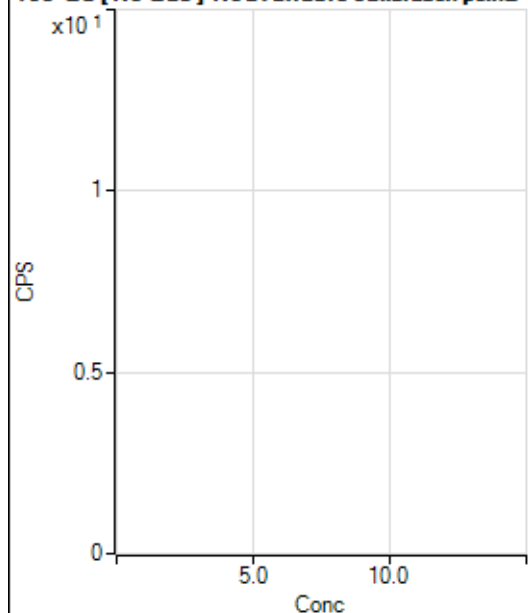
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 1.11   |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            | 1.11   |       | P        | 173. |
| 3 | <input type="checkbox"/> |       |            | 8.89   |       | P        | 21.6 |
| 4 | <input type="checkbox"/> |       |            | 21.11  |       | P        | 24.1 |
| 5 | <input type="checkbox"/> |       |            | 37.78  |       | P        | 43.5 |
| 6 | <input type="checkbox"/> |       |            | 63.33  |       | P        | 13.9 |
| 7 | <input type="checkbox"/> |       |            | 167.78 |       | P        | 24.3 |
| 8 | <input type="checkbox"/> |       |            | 75.56  |       | P        | 46.8 |

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

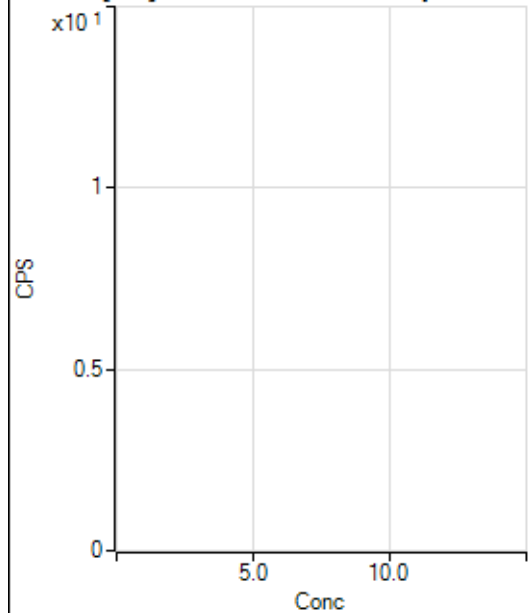
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|---------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 3.33    |       | P        | 0.0  |
| 2 | <input type="checkbox"/> |       |            | 5.56    |       | P        | 34.7 |
| 3 | <input type="checkbox"/> |       |            | 28.89   |       | P        | 54.5 |
| 4 | <input type="checkbox"/> |       |            | 74.44   |       | P        | 29.1 |
| 5 | <input type="checkbox"/> |       |            | 107.78  |       | P        | 39.2 |
| 6 | <input type="checkbox"/> |       |            | 197.78  |       | P        | 15.7 |
| 7 | <input type="checkbox"/> |       |            | 405.57  |       | P        | 9.5  |
| 8 | <input type="checkbox"/> |       |            | 1023.38 |       | P        | 8.7  |

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

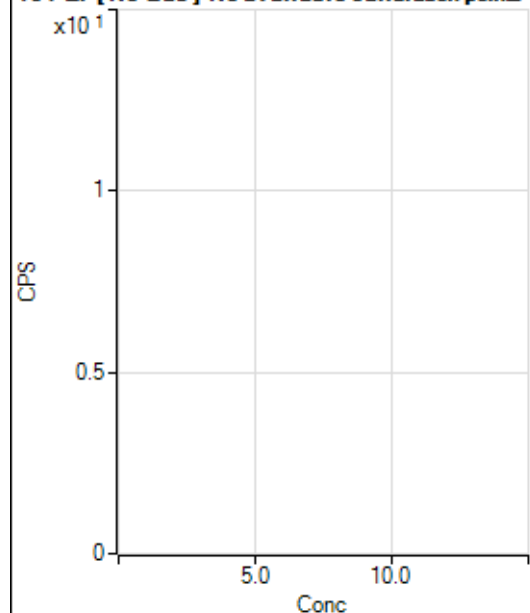
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 4.44   |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            | 5.55   |       | P        | 69.3 |
| 3 | <input type="checkbox"/> |       |            | 14.45  |       | P        | 48.0 |
| 4 | <input type="checkbox"/> |       |            | 28.89  |       | P        | 46.6 |
| 5 | <input type="checkbox"/> |       |            | 72.22  |       | P        | 16.2 |
| 6 | <input type="checkbox"/> |       |            | 144.45 |       | P        | 11.8 |
| 7 | <input type="checkbox"/> |       |            | 251.12 |       | P        | 8.0  |
| 8 | <input type="checkbox"/> |       |            | 624.47 |       | P        | 5.1  |

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

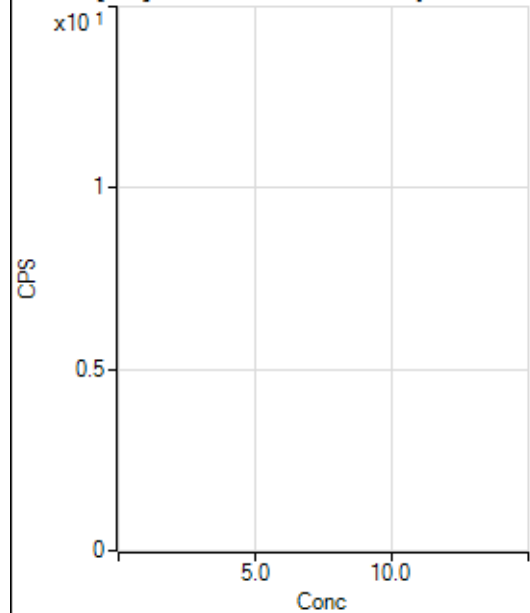
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|---------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 21.11   |       | P        | 48.2 |
| 2 | <input type="checkbox"/> |       |            | 17.78   |       | P        | 21.7 |
| 3 | <input type="checkbox"/> |       |            | 43.33   |       | P        | 35.3 |
| 4 | <input type="checkbox"/> |       |            | 58.89   |       | P        | 6.5  |
| 5 | <input type="checkbox"/> |       |            | 86.67   |       | P        | 21.4 |
| 6 | <input type="checkbox"/> |       |            | 156.67  |       | P        | 20.3 |
| 7 | <input type="checkbox"/> |       |            | 297.78  |       | P        | 9.1  |
| 8 | <input type="checkbox"/> |       |            | 1073.38 |       | P        | 8.1  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 115.56 |       | P        | 13.0 |
| 2 | <input type="checkbox"/> |       |            | 160.00 |       | P        | 36.3 |
| 3 | <input type="checkbox"/> |       |            | 141.11 |       | P        | 9.8  |
| 4 | <input type="checkbox"/> |       |            | 145.56 |       | P        | 14.5 |
| 5 | <input type="checkbox"/> |       |            | 200.00 |       | P        | 12.0 |
| 6 | <input type="checkbox"/> |       |            | 236.67 |       | P        | 7.5  |
| 7 | <input type="checkbox"/> |       |            | 302.23 |       | P        | 9.9  |
| 8 | <input type="checkbox"/> |       |            | 780.03 |       | P        | 4.1  |

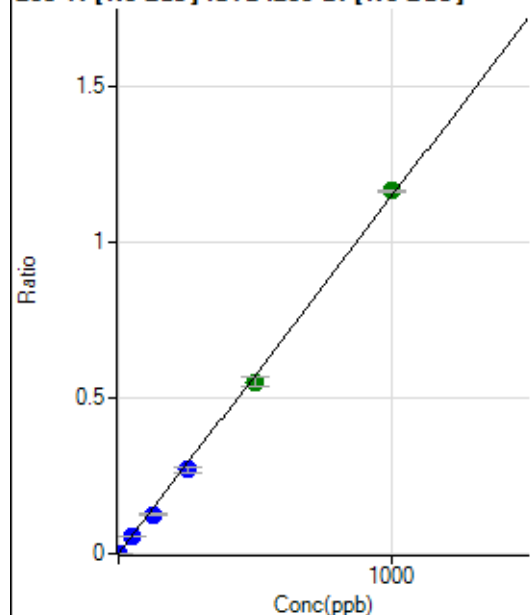
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 53.34  |       | P        | 10.8 |
| 2 | <input type="checkbox"/> |       |            | 61.11  |       | P        | 19.2 |
| 3 | <input type="checkbox"/> |       |            | 54.44  |       | P        | 17.7 |
| 4 | <input type="checkbox"/> |       |            | 68.89  |       | P        | 7.4  |
| 5 | <input type="checkbox"/> |       |            | 91.11  |       | P        | 12.8 |
| 6 | <input type="checkbox"/> |       |            | 91.11  |       | P        | 22.1 |
| 7 | <input type="checkbox"/> |       |            | 108.89 |       | P        | 3.5  |
| 8 | <input type="checkbox"/> |       |            | 170.00 |       | P        | 0.0  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 18.89 |       | P        | 10.2 |
| 2 | <input type="checkbox"/> |       |            | 28.89 |       | P        | 43.7 |
| 3 | <input type="checkbox"/> |       |            | 30.00 |       | P        | 29.4 |
| 4 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 38.6 |
| 5 | <input type="checkbox"/> |       |            | 42.22 |       | P        | 39.7 |
| 6 | <input type="checkbox"/> |       |            | 54.45 |       | P        | 41.7 |
| 7 | <input type="checkbox"/> |       |            | 56.67 |       | P        | 11.8 |
| 8 | <input type="checkbox"/> |       |            | 94.45 |       | P        | 18.1 |

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 72.22      | 0.0000 | P        | 15.8 |
| 2 | <input type="checkbox"/> | 1.000    | 0.791      | 4085.09    | 0.0009 | P        | 10.7 |
| 3 | <input type="checkbox"/> | 50.000   | 46.934     | 228305.88  | 0.0538 | P        | 4.0  |
| 4 | <input type="checkbox"/> | 125.000  | 110.294    | 564320.33  | 0.1264 | P        | 1.7  |
| 5 | <input type="checkbox"/> | 250.000  | 234.460    | 1107658.61 | 0.2687 | P        | 7.3  |
| 6 | <input type="checkbox"/> | 500.000  | 480.385    | 2463105.29 | 0.5506 | A        | 5.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 1015.684   | 4810411.42 | 1.1642 | A        | 0.5  |
| 8 | <input type="checkbox"/> |          |            | 808.92     | 0.0002 | P        | 8.8  |

$$y = 0.0011 * x + 1.6226E-005$$

$$R = 0.9995$$

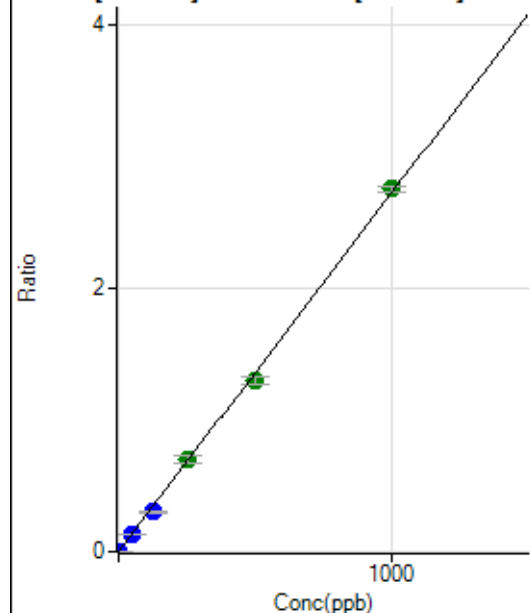
$$DL = 0.006726$$

$$BEC = 0.01416$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 162.23      | 0.0000 | P        | 21.1 |
| 2 | <input type="checkbox"/> | 1.000    | 0.770      | 9453.36     | 0.0021 | P        | 9.5  |
| 3 | <input type="checkbox"/> | 50.000   | 46.855     | 541823.77   | 0.1277 | P        | 4.0  |
| 4 | <input type="checkbox"/> | 125.000  | 110.330    | 1342049.11  | 0.3007 | P        | 1.3  |
| 5 | <input type="checkbox"/> | 250.000  | 256.638    | 2881815.34  | 0.6993 | A        | 7.7  |
| 6 | <input type="checkbox"/> | 500.000  | 476.695    | 5811813.32  | 1.2989 | A        | 4.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 1011.984   | 11393484.83 | 2.7575 | A        | 1.4  |
| 8 | <input type="checkbox"/> |          |            | 2009.06     | 0.0006 | P        | 14.1 |

$$y = 0.0027 * x + 3.6515E-005$$

$$R = 0.9995$$

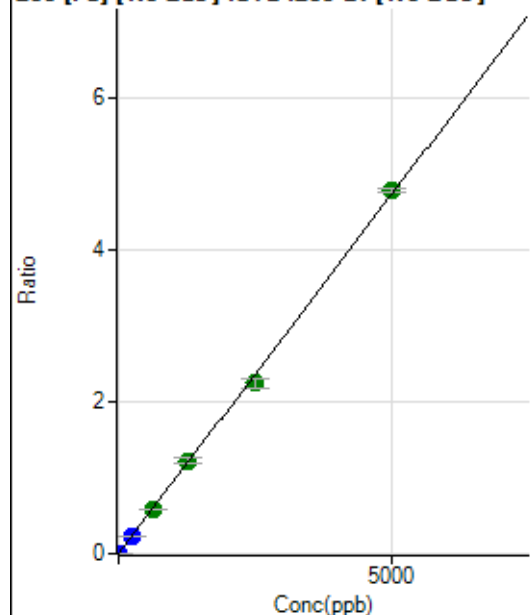
$$DL = 0.008472$$

$$BEC = 0.0134$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 214.45      | 0.0000 | P        | 22.1 |
| 2 | <input type="checkbox"/> | 1.000    | 0.747      | 3347.12     | 0.0008 | P        | 7.3  |
| 3 | <input type="checkbox"/> | 250.000  | 234.945    | 943593.16   | 0.2224 | P        | 4.4  |
| 4 | <input type="checkbox"/> | 625.000  | 605.623    | 2559243.83  | 0.5733 | A        | 0.6  |
| 5 | <input type="checkbox"/> | 1250.000 | 1293.793   | 5050667.67  | 1.2246 | A        | 5.8  |
| 6 | <input type="checkbox"/> | 2500.000 | 2380.045   | 10077097.14 | 2.2528 | A        | 5.4  |
| 7 | <input type="checkbox"/> | 5000.000 | 5052.204   | 19758452.20 | 4.7820 | A        | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 8065.79     | 0.0023 | P        | 5.9  |

$$y = 9.4650\text{E-}004 * x + 4.8234\text{E-}005$$

$$R = 0.9995$$

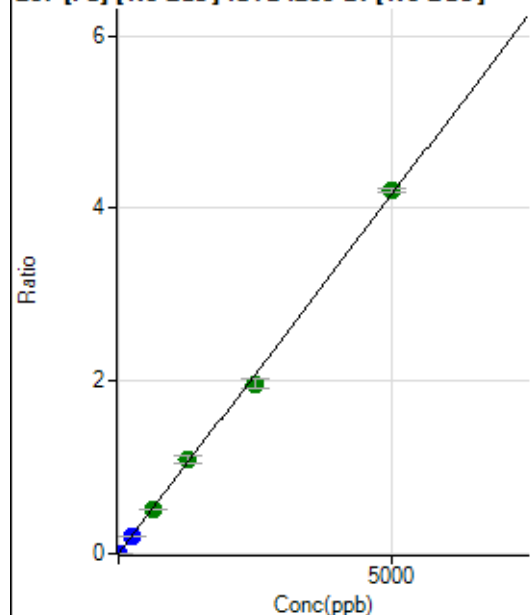
$$DL = 0.03371$$

$$BEC = 0.05096$$

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<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 194.45      | 0.0000 | P        | 7.9 |
| 2 | <input type="checkbox"/> | 1.000    | 0.778      | 3064.82     | 0.0007 | P        | 4.8 |
| 3 | <input type="checkbox"/> | 250.000  | 236.305    | 833892.17   | 0.1966 | P        | 4.4 |
| 4 | <input type="checkbox"/> | 625.000  | 613.995    | 2279582.52  | 0.5107 | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1250.000 | 1309.584   | 4488360.77  | 1.0891 | A        | 7.6 |
| 6 | <input type="checkbox"/> | 2500.000 | 2365.053   | 8798876.12  | 1.9669 | A        | 5.3 |
| 7 | <input type="checkbox"/> | 5000.000 | 5054.638   | 17368675.16 | 4.2037 | A        | 1.1 |
| 8 | <input type="checkbox"/> |          |            | 6967.42     | 0.0019 | P        | 5.1 |

$$y = 8.3164\text{E-}004 * x + 4.3502\text{E-}005$$

$$R = 0.9994$$

$$DL = 0.01237$$

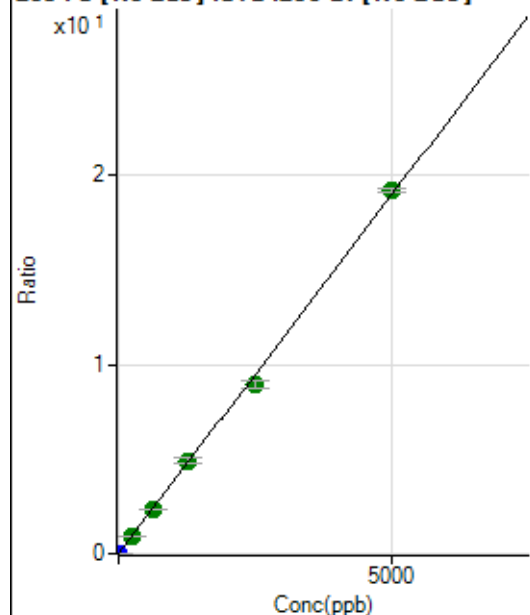
$$BEC = 0.05231$$

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      | 853.35      | 0.0002  | P    | 14.8 |
| 2 | <input type="checkbox"/> | 1.000    | 0.763      | 13659.51    | 0.0031  | P    | 7.0  |
| 3 | <input type="checkbox"/> | 250.000  | 248.252    | 3988783.65  | 0.9402  | A    | 4.3  |
| 4 | <input type="checkbox"/> | 625.000  | 609.085    | 10296140.16 | 2.3066  | A    | 0.7  |
| 5 | <input type="checkbox"/> | 1250.000 | 1298.950   | 20273815.71 | 4.9188  | A    | 7.2  |
| 6 | <input type="checkbox"/> | 2500.000 | 2361.960   | 40016518.36 | 8.9440  | A    | 4.8  |
| 7 | <input type="checkbox"/> | 5000.000 | 5058.859   | 79150132.85 | 19.1561 | A    | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 31943.84    | 0.0089  | P    | 5.8  |

$$y = 0.0038 * x + 1.9124E-004$$

$$R = 0.9994$$

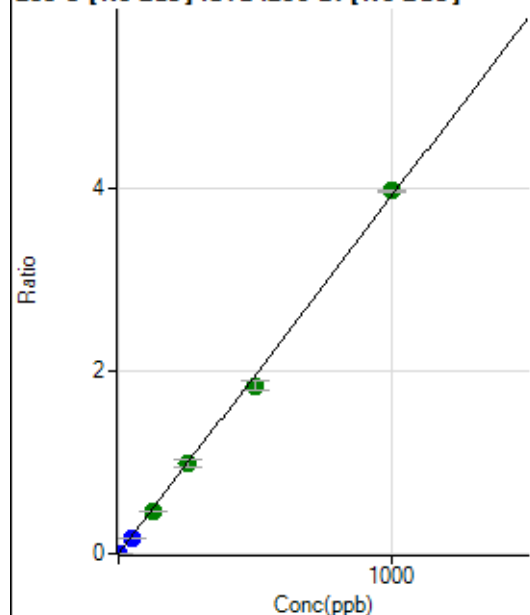
$$DL = 0.02242$$

$$BEC = 0.0505$$

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      | 30.00       | 0.0000 | P    | 88.8 |
| 2 | <input type="checkbox"/> | 1.000    | 0.731      | 12727.28    | 0.0029 | P    | 8.1  |
| 3 | <input type="checkbox"/> | 50.000   | 44.286     | 736037.66   | 0.1735 | P    | 4.4  |
| 4 | <input type="checkbox"/> | 125.000  | 117.829    | 2060349.24  | 0.4616 | A    | 2.0  |
| 5 | <input type="checkbox"/> | 250.000  | 254.427    | 4106852.06  | 0.9967 | A    | 8.0  |
| 6 | <input type="checkbox"/> | 500.000  | 469.723    | 8231138.14  | 1.8402 | A    | 5.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 1015.214   | 16433644.48 | 3.9772 | A    | 0.6  |
| 8 | <input type="checkbox"/> |          |            | 2649.18     | 0.0007 | P    | 14.4 |

$$y = 0.0039 * x + 6.7027E-006$$

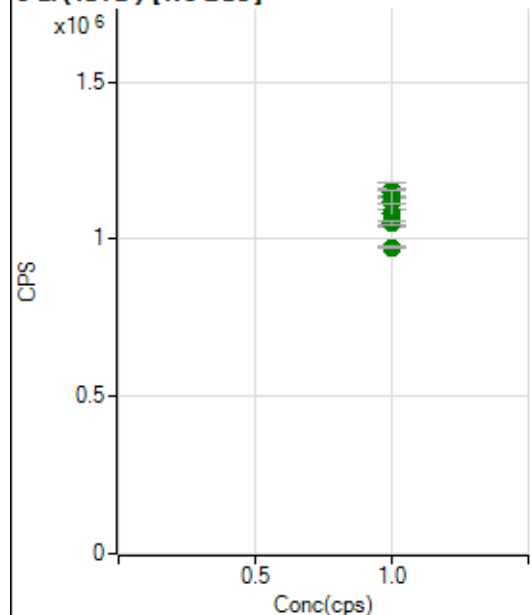
$$R = 0.9993$$

$$DL = 0.004556$$

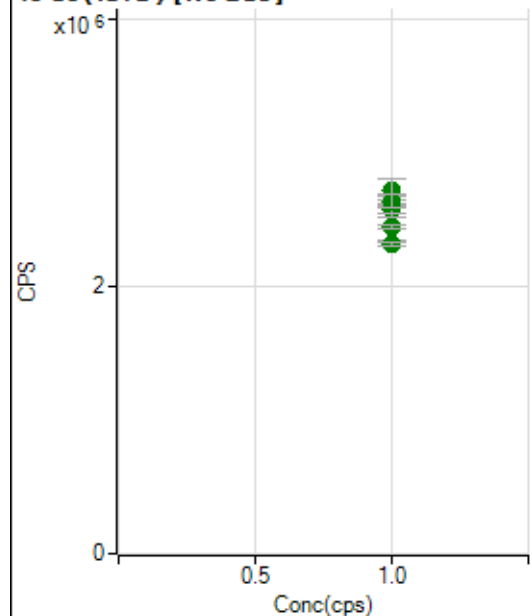
$$BEC = 0.001711$$

Weight: &lt;None&gt;

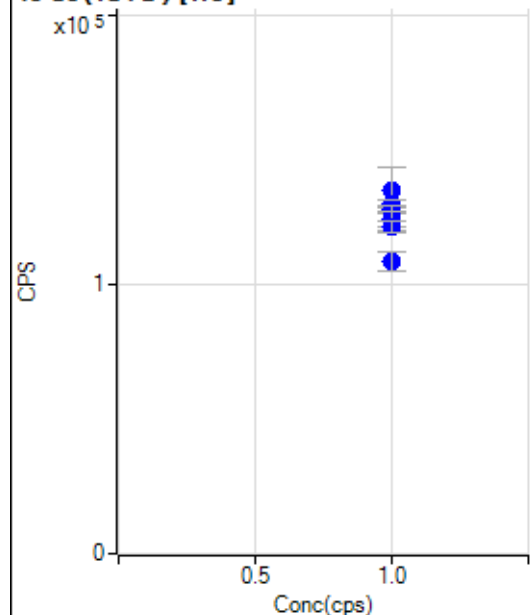
Min Conc: 0

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

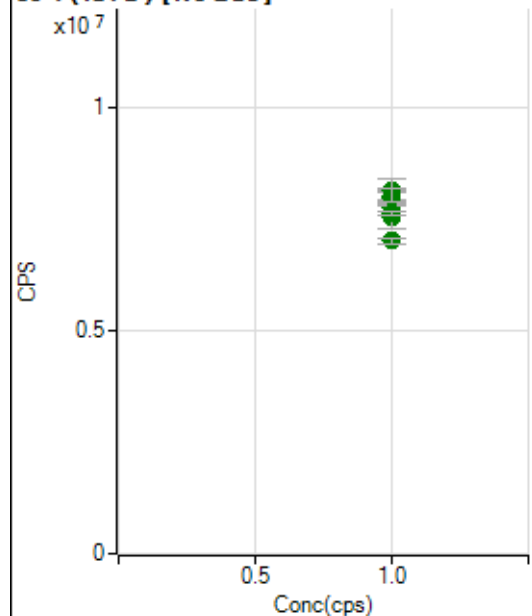
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1135449.81 |       | A        | 4.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1153348.12 |       | A        | 4.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1117458.82 |       | A        | 3.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1148073.48 |       | A        | 2.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1082634.00 |       | A        | 8.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1134869.40 |       | A        | 4.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1051007.67 |       | A        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 974464.69  |       | A        | 1.1 |

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

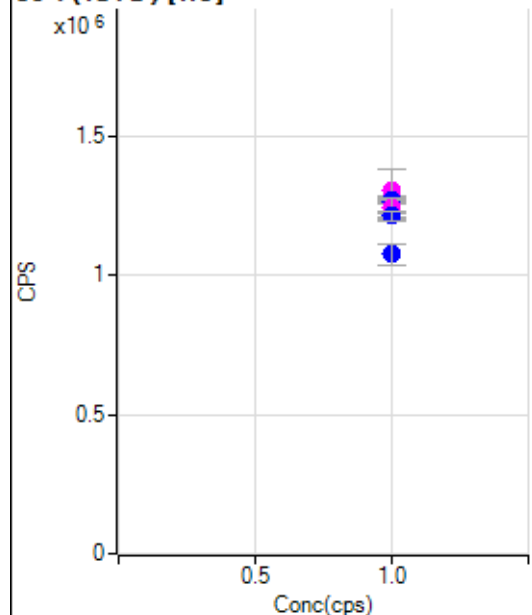
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2626200.26 |       | A        | 3.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2709821.73 |       | A        | 6.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2575558.26 |       | A        | 4.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2631777.72 |       | A        | 2.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2443410.94 |       | A        | 8.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2631819.82 |       | A        | 4.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2443336.19 |       | A        | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2316233.89 |       | A        | 1.5 |

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

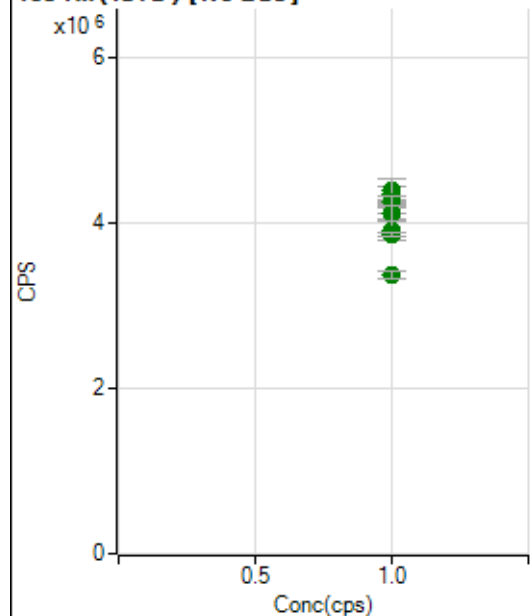
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-----------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 127544.79 |       | P        | 2.0  |
| 2 | <input type="checkbox"/> | 1.000 |            | 134693.92 |       | P        | 12.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 130159.86 |       | P        | 1.4  |
| 4 | <input type="checkbox"/> | 1.000 |            | 128027.54 |       | P        | 1.3  |
| 5 | <input type="checkbox"/> | 1.000 |            | 124229.41 |       | P        | 4.7  |
| 6 | <input type="checkbox"/> | 1.000 |            | 121585.92 |       | P        | 3.0  |
| 7 | <input type="checkbox"/> | 1.000 |            | 121368.09 |       | P        | 3.0  |
| 8 | <input type="checkbox"/> | 1.000 |            | 108535.09 |       | P        | 7.0  |

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

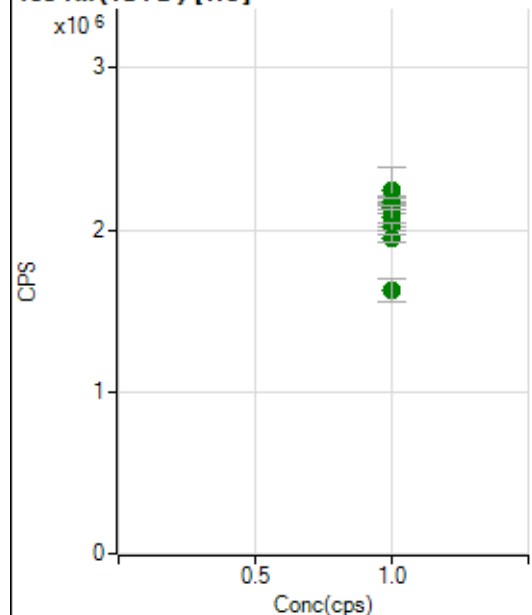
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7954424.95 |       | A        | 4.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 8114923.63 |       | A        | 6.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 7740906.69 |       | A        | 4.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7954658.56 |       | A        | 3.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7532409.54 |       | A        | 7.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8014856.34 |       | A        | 3.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7609181.21 |       | A        | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6993487.26 |       | A        | 1.5 |

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

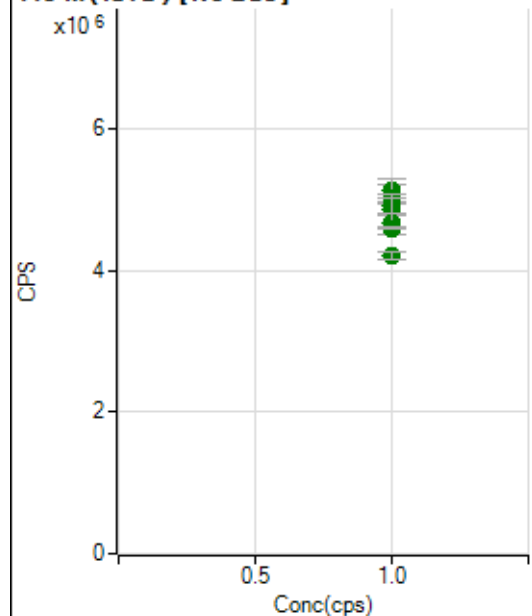
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 1275453.96 |       | P        | 1.8  |
| 2 | <input type="checkbox"/> | 1.000 |            | 1305475.95 |       | M        | 11.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1270125.50 |       | P        | 0.6  |
| 4 | <input type="checkbox"/> | 1.000 |            | 1264488.32 |       | P        | 1.1  |
| 5 | <input type="checkbox"/> | 1.000 |            | 1244362.97 |       | M        | 5.5  |
| 6 | <input type="checkbox"/> | 1.000 |            | 1217871.14 |       | P        | 2.4  |
| 7 | <input type="checkbox"/> | 1.000 |            | 1215741.12 |       | P        | 2.6  |
| 8 | <input type="checkbox"/> | 1.000 |            | 1076471.94 |       | P        | 7.5  |

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

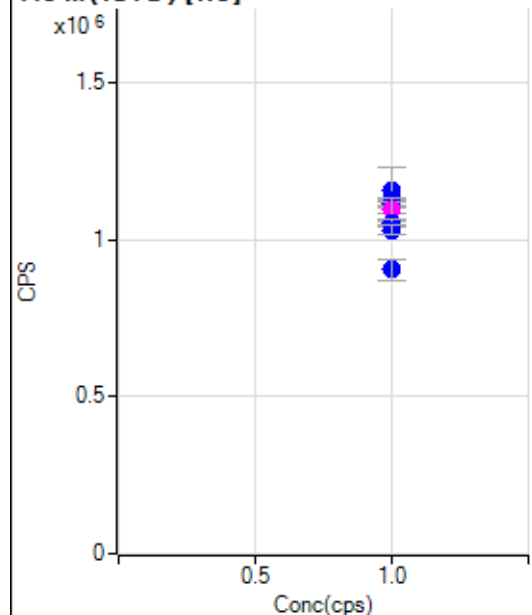
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4352253.58 |       | A        | 3.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4389922.68 |       | A        | 7.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4194839.80 |       | A        | 3.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4254235.53 |       | A        | 3.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3919202.03 |       | A        | 7.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4116232.40 |       | A        | 4.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3868748.52 |       | A        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3371909.18 |       | A        | 2.4 |

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

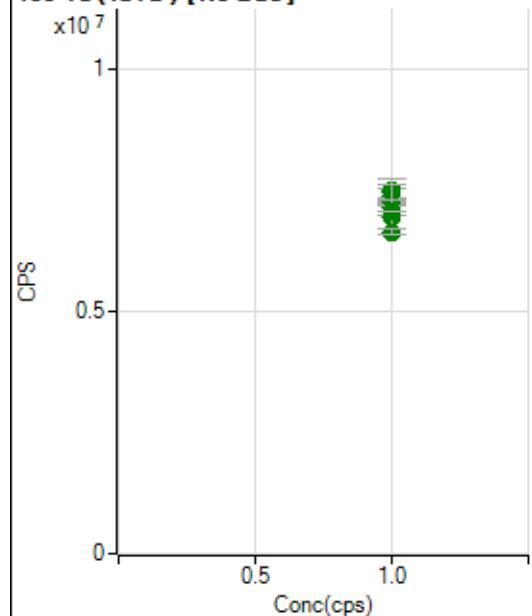
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 2193964.85 |       | A        | 1.8  |
| 2 | <input type="checkbox"/> | 1.000 |            | 2239957.00 |       | A        | 12.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2178371.04 |       | A        | 1.7  |
| 4 | <input type="checkbox"/> | 1.000 |            | 2139338.16 |       | A        | 1.0  |
| 5 | <input type="checkbox"/> | 1.000 |            | 2076262.12 |       | A        | 5.3  |
| 6 | <input type="checkbox"/> | 1.000 |            | 2017413.96 |       | A        | 2.2  |
| 7 | <input type="checkbox"/> | 1.000 |            | 1950360.82 |       | A        | 2.3  |
| 8 | <input type="checkbox"/> | 1.000 |            | 1625095.13 |       | A        | 8.3  |

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

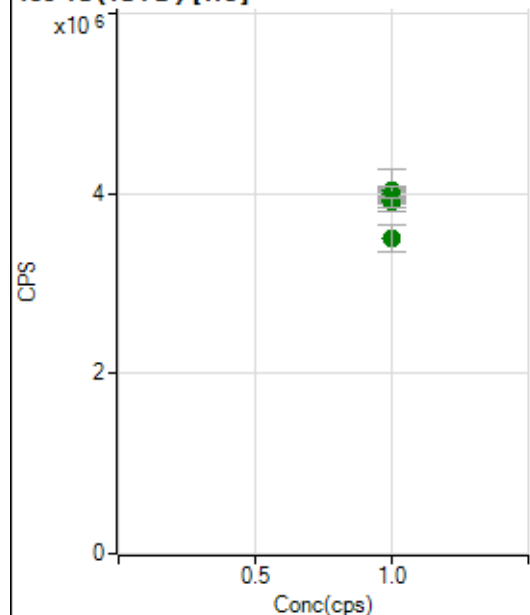
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5083561.58 |       | A        | 4.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 5120924.45 |       | A        | 7.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4870796.39 |       | A        | 3.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5026586.82 |       | A        | 2.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4660103.35 |       | A        | 6.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4917453.21 |       | A        | 4.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4592564.32 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4206958.51 |       | A        | 3.1 |

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

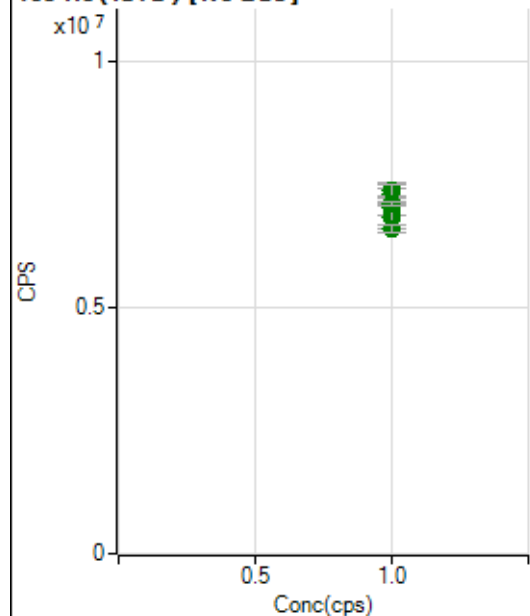
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 1114689.56 |       | P        | 2.6  |
| 2 | <input type="checkbox"/> | 1.000 |            | 1155235.45 |       | P        | 12.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1125231.37 |       | P        | 0.6  |
| 4 | <input type="checkbox"/> | 1.000 |            | 1115077.87 |       | P        | 0.9  |
| 5 | <input type="checkbox"/> | 1.000 |            | 1095162.03 |       | M        | 6.4  |
| 6 | <input type="checkbox"/> | 1.000 |            | 1051042.43 |       | P        | 2.4  |
| 7 | <input type="checkbox"/> | 1.000 |            | 1029343.38 |       | P        | 2.9  |
| 8 | <input type="checkbox"/> | 1.000 |            | 905719.24  |       | P        | 7.5  |

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

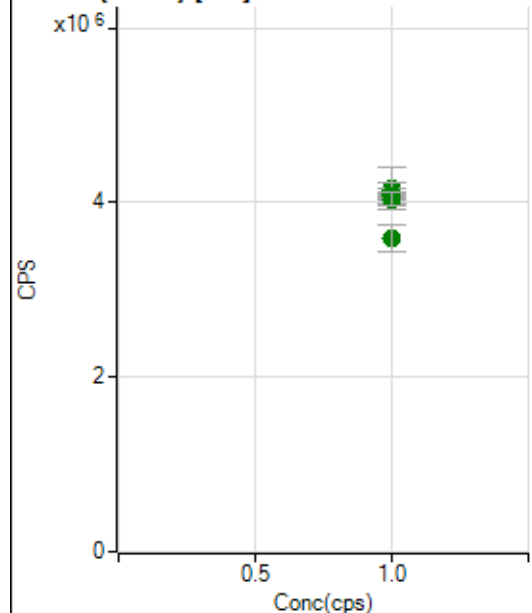
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7383886.07 |       | A        | 4.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 7500266.07 |       | A        | 6.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 7146332.05 |       | A        | 3.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7284812.53 |       | A        | 2.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6964789.83 |       | A        | 7.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7464120.17 |       | A        | 4.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7087391.07 |       | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6653448.37 |       | A        | 1.8 |

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

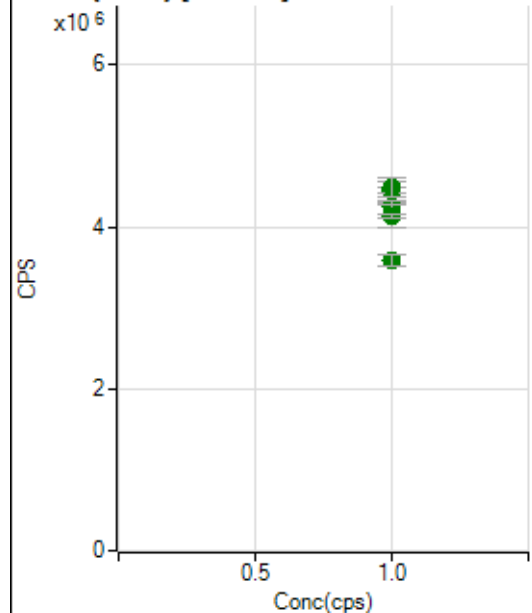
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 3949823.27 |       | A        | 1.3  |
| 2 | <input type="checkbox"/> | 1.000 |            | 4025457.02 |       | A        | 11.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3999926.60 |       | A        | 1.2  |
| 4 | <input type="checkbox"/> | 1.000 |            | 4024493.17 |       | A        | 1.0  |
| 5 | <input type="checkbox"/> | 1.000 |            | 3994074.38 |       | A        | 4.4  |
| 6 | <input type="checkbox"/> | 1.000 |            | 3925131.50 |       | A        | 1.9  |
| 7 | <input type="checkbox"/> | 1.000 |            | 3902874.49 |       | A        | 2.8  |
| 8 | <input type="checkbox"/> | 1.000 |            | 3498180.09 |       | A        | 8.1  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7274218.30 |       | A        | 4.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 7296890.45 |       | A        | 6.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 7007622.33 |       | A        | 3.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7205419.82 |       | A        | 2.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6837065.59 |       | A        | 6.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7364093.99 |       | A        | 3.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7089987.11 |       | A        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6581240.18 |       | A        | 2.4 |

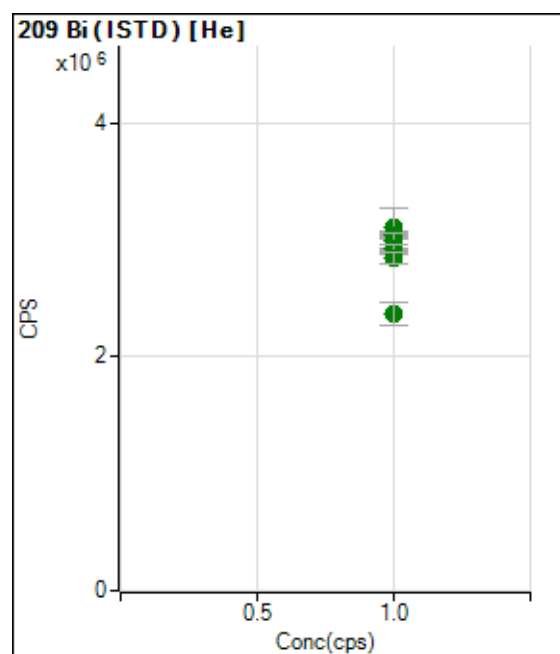
**165 Ho (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 4084927.61 |       | A        | 1.6  |
| 2 | <input type="checkbox"/> | 1.000 |            | 4154221.57 |       | A        | 11.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4074029.97 |       | A        | 0.5  |
| 4 | <input type="checkbox"/> | 1.000 |            | 4132572.40 |       | A        | 1.3  |
| 5 | <input type="checkbox"/> | 1.000 |            | 4106290.81 |       | A        | 6.0  |
| 6 | <input type="checkbox"/> | 1.000 |            | 4069416.64 |       | A        | 2.5  |
| 7 | <input type="checkbox"/> | 1.000 |            | 4035573.55 |       | A        | 3.6  |
| 8 | <input type="checkbox"/> | 1.000 |            | 3594900.54 |       | A        | 8.8  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4463057.02 |       | A        | 4.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4449223.96 |       | A        | 7.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4246945.18 |       | A        | 3.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4464180.87 |       | A        | 1.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4134692.19 |       | A        | 6.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4481489.55 |       | A        | 5.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4132014.38 |       | A        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3585269.32 |       | A        | 3.5 |





|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 3052398.88 |       | A        | 1.0  |
| 2 | <input type="checkbox"/> | 1.000 |            | 3099517.28 |       | A        | 11.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3037074.37 |       | A        | 1.6  |
| 4 | <input type="checkbox"/> | 1.000 |            | 3039384.40 |       | A        | 1.3  |
| 5 | <input type="checkbox"/> | 1.000 |            | 2986244.23 |       | A        | 4.7  |
| 6 | <input type="checkbox"/> | 1.000 |            | 2919007.77 |       | A        | 2.7  |
| 7 | <input type="checkbox"/> | 1.000 |            | 2840504.92 |       | A        | 3.2  |
| 8 | <input type="checkbox"/> | 1.000 |            | 2360726.79 |       | A        | 8.5  |