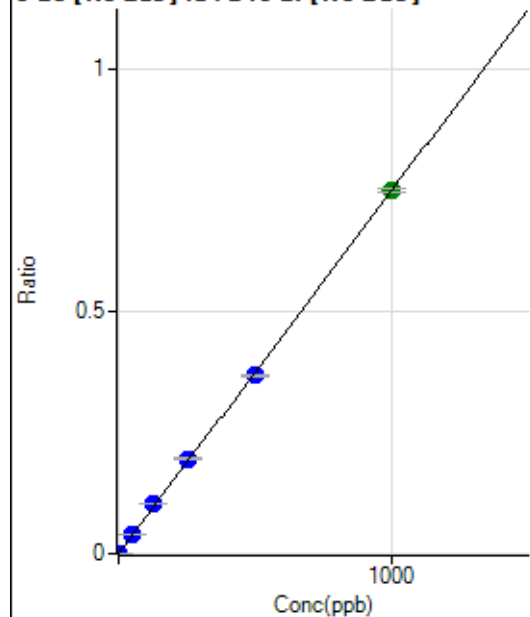


# Calibration for 006CAL.S.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7010825MS.b\  
 Analysis File: P7010825MS.batch.bin  
 DA Date-Time: 2025-01-08 12:22:57  
 Calibration Title:  
 Calibration Method: External Calibration  
 VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 004CALB.d          | S00         | 2025-01-08 10:38:50 |
| 2     | 006CAL.S.d         | S02         | 2025-01-08 10:45:22 |
| 3     | 007CAL.S.d         | S03         | 2025-01-08 10:48:36 |
| 4     | 008CAL.S.d         | S04         | 2025-01-08 10:51:39 |
| 5     | 009CAL.S.d         | S05         | 2025-01-08 10:54:30 |
| 6     | 010CAL.S.d         | S06         | 2025-01-08 10:57:18 |
| 7     | 011CAL.S.d         | S07         | 2025-01-08 11:00:01 |
| 8     | 012CAL.S.d         | S08         | 2025-01-08 11:02:47 |

**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      | 67.78      | 0.0000 | P   | 2.9  |
| 2 | <input type="checkbox"/> | 1.000    | 1.211      | 1406.74    | 0.0010 | P   | 3.8  |
| 3 | <input type="checkbox"/> | 50.000   | 54.783     | 62106.69   | 0.0411 | P   | 2.8  |
| 4 | <input type="checkbox"/> | 125.000  | 136.683    | 158106.61  | 0.1024 | P   | 1.9  |
| 5 | <input type="checkbox"/> | 250.000  | 262.141    | 307408.88  | 0.1963 | P   | 0.7  |
| 6 | <input type="checkbox"/> | 500.000  | 490.903    | 560572.27  | 0.3675 | P   | 0.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 999.814    | 1125316.41 | 0.7485 | A   | 1.2  |
| 8 | <input type="checkbox"/> |          |            | 327.78     | 0.0002 | P   | 12.0 |

$$y = 7.4857E-004 * x + 4.5582E-005$$

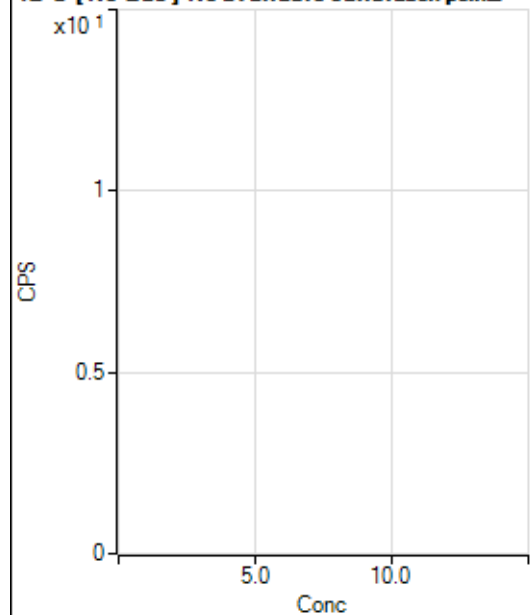
$$R = 0.9998$$

$$DL = 0.005248$$

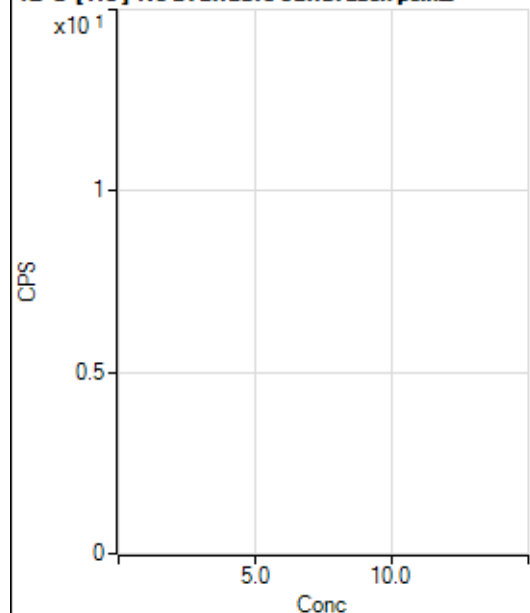
$$BEC = 0.06089$$

Weight: &lt;None&gt;

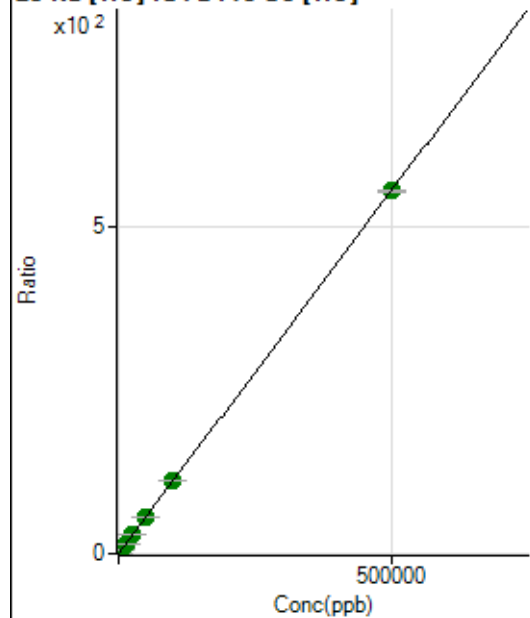
Min Conc: 0

**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      | 18353.23    | 0.0344   | P        | 2.0 |
| 2 | <input type="checkbox"/> | 500.000   | 506.513    | 319040.80   | 0.5957   | P        | 0.7 |
| 3 | <input type="checkbox"/> | 5000.000  | 5014.366   | 2968271.35  | 5.5912   | A        | 0.9 |
| 4 | <input type="checkbox"/> | 12500.000 | 12990.084  | 7435914.19  | 14.4297  | A        | 0.4 |
| 5 | <input type="checkbox"/> | 25000.000 | 26722.351  | 13243804.25 | 29.6474  | A        | 1.2 |
| 6 | <input type="checkbox"/> | 50000.000 | 50862.080  | 25018066.29 | 56.3984  | A        | 0.1 |
| 7 | <input type="checkbox"/> | 100000.00 | 101335.11  | 50731922.02 | 112.3312 | A        | 0.4 |
| 8 | <input type="checkbox"/> | 500000.00 | 499548.24  | 271929055.9 | 553.6200 | A        | 0.2 |

$$y = 0.0011 * x + 0.0344$$

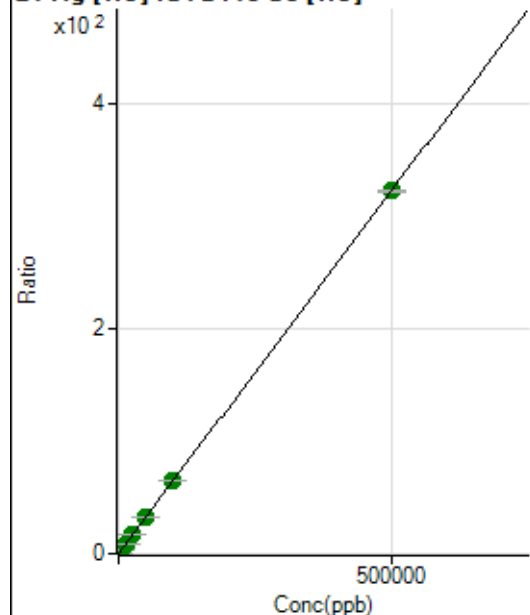
$$R = 1.0000$$

$$DL = 1.845$$

$$BEC = 31.04$$

Weight: &lt;None&gt;

Min Conc: 0

**24 Mg [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      | 592.24      | 0.0011   | P   | 7.4 |
| 2 | <input type="checkbox"/> | 500.000   | 546.242    | 189650.44   | 0.3541   | P   | 0.2 |
| 3 | <input type="checkbox"/> | 5000.000  | 5026.980   | 1725187.01  | 3.2497   | A   | 0.5 |
| 4 | <input type="checkbox"/> | 12500.000 | 12693.809  | 4227845.53  | 8.2041   | A   | 1.0 |
| 5 | <input type="checkbox"/> | 25000.000 | 26380.071  | 7615827.73  | 17.0485  | A   | 1.3 |
| 6 | <input type="checkbox"/> | 50000.000 | 50031.176  | 14342477.29 | 32.3324  | A   | 0.2 |
| 7 | <input type="checkbox"/> | 100000.00 | 99902.899  | 29157370.40 | 64.5607  | A   | 0.5 |
| 8 | <input type="checkbox"/> | 500000.00 | 499942.13  | 158689854.3 | 323.0752 | A   | 0.5 |

$$y = 6.4622\text{E-}004 * x + 0.0011$$

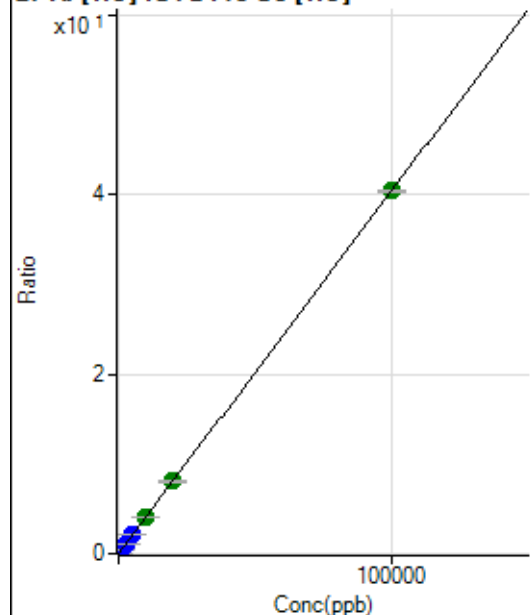
$$R = 1.0000$$

$$DL = 0.379$$

$$BEC = 1.718$$

Weight: &lt;None&gt;

Min Conc: 0

**27 Al [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      | 0.0002  | P   | 20.4 |
| 2 | <input type="checkbox"/> | 20.000    | 19.783     | 4401.78     | 0.0082  | P   | 0.8  |
| 3 | <input type="checkbox"/> | 1000.000  | 968.894    | 207907.36   | 0.3916  | P   | 0.8  |
| 4 | <input type="checkbox"/> | 2500.000  | 2487.830   | 518009.03   | 1.0052  | P   | 0.3  |
| 5 | <input type="checkbox"/> | 5000.000  | 5096.870   | 919868.15   | 2.0592  | P   | 1.6  |
| 6 | <input type="checkbox"/> | 10000.000 | 9947.466   | 1782649.54  | 4.0187  | A   | 0.7  |
| 7 | <input type="checkbox"/> | 20000.000 | 19889.611  | 3628765.71  | 8.0350  | A   | 1.3  |
| 8 | <input type="checkbox"/> | 100000.00 | 100023.10  | 19847395.12 | 40.4062 | A   | 0.6  |

$$y = 4.0397\text{E-}004 * x + 2.2705\text{E-}004$$

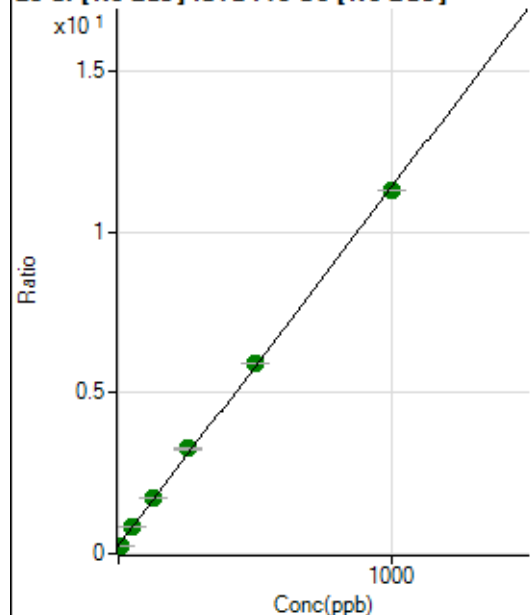
$$R = 1.0000$$

$$DL = 0.3444$$

$$BEC = 0.562$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio   | Det. | RSD |
|---|--------------------------|----------|------------|-------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1465665.93  | 0.2531  | A    | 2.5 |
| 2 | <input type="checkbox"/> | 10.000   | -0.527     | 1446930.15  | 0.2472  | A    | 2.0 |
| 3 | <input type="checkbox"/> | 50.000   | 52.676     | 4974609.06  | 0.8398  | A    | 0.2 |
| 4 | <input type="checkbox"/> | 125.000  | 134.805    | 10150020.33 | 1.7546  | A    | 0.6 |
| 5 | <input type="checkbox"/> | 250.000  | 270.030    | 17570740.15 | 3.2607  | A    | 0.8 |
| 6 | <input type="checkbox"/> | 500.000  | 508.129    | 29227908.17 | 5.9127  | A    | 0.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 989.674    | 55408769.17 | 11.2762 | A    | 0.1 |
| 8 | <input type="checkbox"/> |          |            | 769638.89   | 0.1474  | P    | 0.4 |

$$y = 0.0111 * x + 0.2531$$

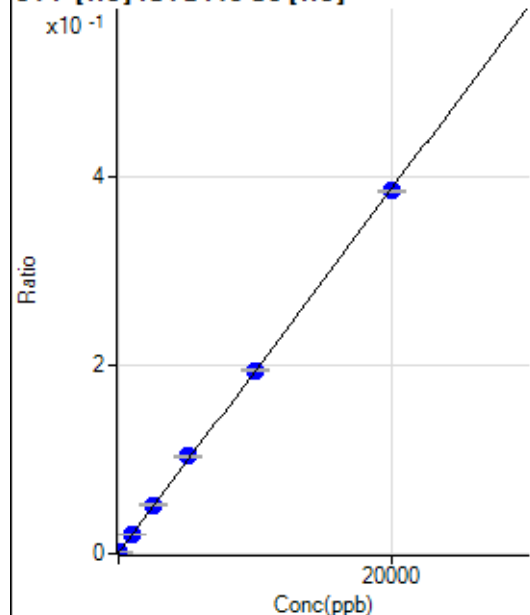
R = 0.9996

DL = 1.715

BEC = 22.72

Weight: <None>

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | -17.001    | 222.23    | 0.0004 | P    | 8.4 |
| 2 | <input type="checkbox"/> | 0.000     | 17.001     | 574.46    | 0.0011 | P    | 5.9 |
| 3 | <input type="checkbox"/> | 1000.000  | 1059.447   | 11246.42  | 0.0212 | P    | 2.0 |
| 4 | <input type="checkbox"/> | 2500.000  | 2649.827   | 26726.72  | 0.0519 | P    | 1.7 |
| 5 | <input type="checkbox"/> | 5000.000  | 5296.462   | 45977.74  | 0.1029 | P    | 2.9 |
| 6 | <input type="checkbox"/> | 10000.000 | 10024.859  | 86120.40  | 0.1941 | P    | 0.6 |
| 7 | <input type="checkbox"/> | 20000.000 | 19891.754  | 173649.43 | 0.3845 | P    | 0.4 |
| 8 | <input type="checkbox"/> |           |            | 375.57    | 0.0008 | P    | 1.2 |

$$y = 1.9292E-005 * x + 7.4449E-004$$

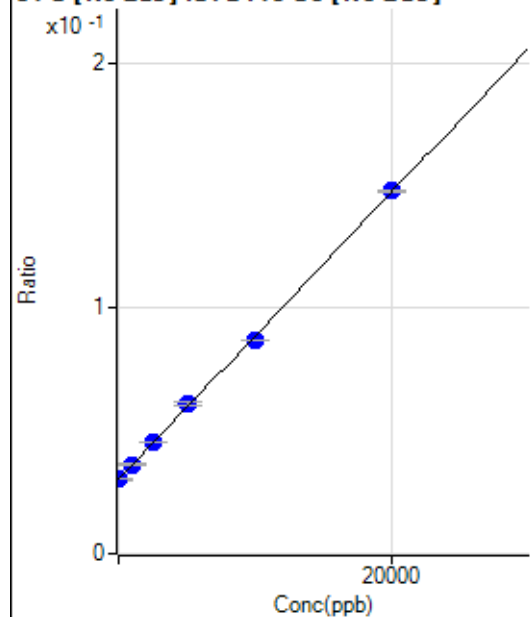
R = 0.9999

DL = 7.655

BEC = 38.59

Weight: <None>

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-----------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | -5.528     | 175231.96 | 0.0303 | P        | 1.9 |
| 2 | <input type="checkbox"/> | 0.000     | 5.528      | 177470.65 | 0.0303 | P        | 0.4 |
| 3 | <input type="checkbox"/> | 1000.000  | 1042.814   | 215626.01 | 0.0364 | P        | 0.8 |
| 4 | <input type="checkbox"/> | 2500.000  | 2636.467   | 264608.96 | 0.0457 | P        | 0.2 |
| 5 | <input type="checkbox"/> | 5000.000  | 5257.892   | 329253.50 | 0.0611 | P        | 1.5 |
| 6 | <input type="checkbox"/> | 10000.000 | 9689.003   | 430391.89 | 0.0871 | P        | 0.2 |
| 7 | <input type="checkbox"/> | 20000.000 | 20071.826  | 726772.45 | 0.1479 | P        | 0.8 |
| 8 | <input type="checkbox"/> |           |            | 131306.44 | 0.0251 | P        | 3.7 |

$$y = 5.8596E-006 * x + 0.0303$$

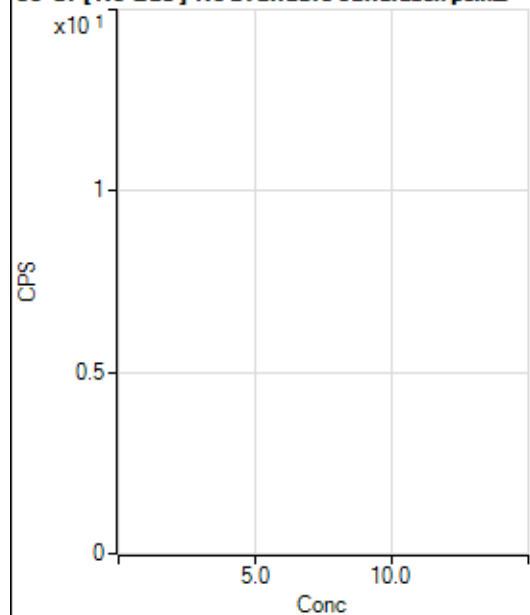
$$R = 0.9997$$

$$DL = 180.6$$

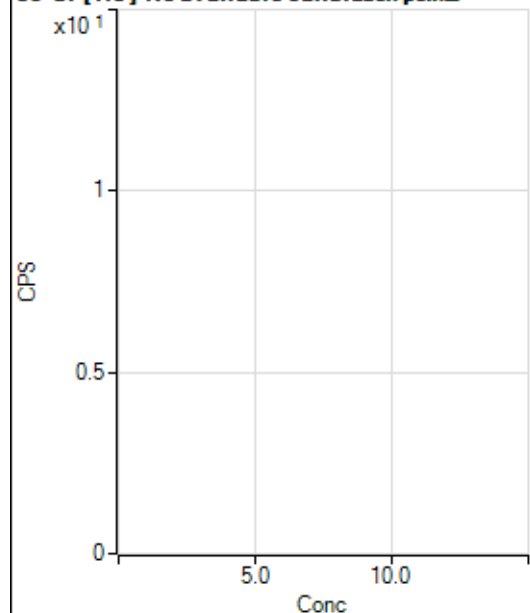
$$BEC = 5170$$

Weight: &lt;None&gt;

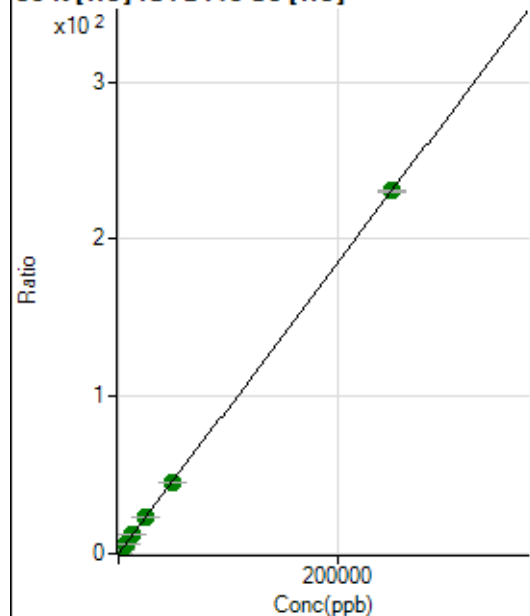
Min Conc: 0

**35 Cl [No Gas] 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"/> |       |            |     |       |          |     |

**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      | 52914.93    | 0.0992   | P        | 0.6 |
| 2 | <input type="checkbox"/> | 500.000   | 545.999    | 322664.37   | 0.6025   | P        | 0.3 |
| 3 | <input type="checkbox"/> | 2500.000  | 2509.930   | 1280896.78  | 2.4127   | A        | 1.5 |
| 4 | <input type="checkbox"/> | 6250.000  | 6458.157   | 3118783.22  | 6.0521   | A        | 0.4 |
| 5 | <input type="checkbox"/> | 12500.000 | 12751.002  | 5294787.53  | 11.8526  | A        | 1.2 |
| 6 | <input type="checkbox"/> | 25000.000 | 24559.151  | 10085907.56 | 22.7369  | A        | 0.9 |
| 7 | <input type="checkbox"/> | 50000.000 | 49016.686  | 20450316.64 | 45.2810  | A        | 0.6 |
| 8 | <input type="checkbox"/> | 250000.00 | 250222.80  | 113340856.0 | 230.7454 | A        | 0.5 |

$$y = 9.2176E-004 * x + 0.0992$$

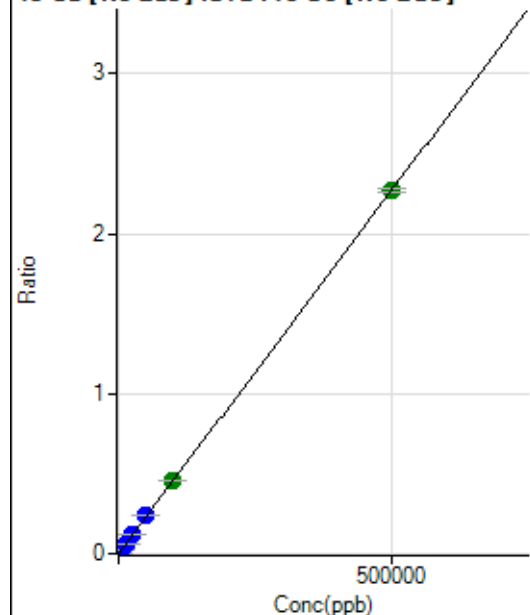
$$R = 1.0000$$

$$DL = 2.047$$

$$BEC = 107.6$$

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      | 666.69      | 0.0001 | P    | 3.0 |
| 2 | <input type="checkbox"/> | 500.000   | 540.514    | 15033.11    | 0.0026 | P    | 0.3 |
| 3 | <input type="checkbox"/> | 5000.000  | 5181.476   | 140008.22   | 0.0236 | P    | 0.7 |
| 4 | <input type="checkbox"/> | 12500.000 | 13379.638  | 352017.62   | 0.0609 | P    | 0.8 |
| 5 | <input type="checkbox"/> | 25000.000 | 26852.286  | 657383.39   | 0.1220 | P    | 1.0 |
| 6 | <input type="checkbox"/> | 50000.000 | 51805.712  | 1163086.83  | 0.2353 | P    | 0.4 |
| 7 | <input type="checkbox"/> | 100000.00 | 100810.33  | 2249280.10  | 0.4577 | A    | 0.5 |
| 8 | <input type="checkbox"/> | 500000.00 | 499540.90  | 11840270.52 | 2.2678 | A    | 1.1 |

$$y = 4.5395\text{E-}006 * x + 1.1507\text{E-}004$$

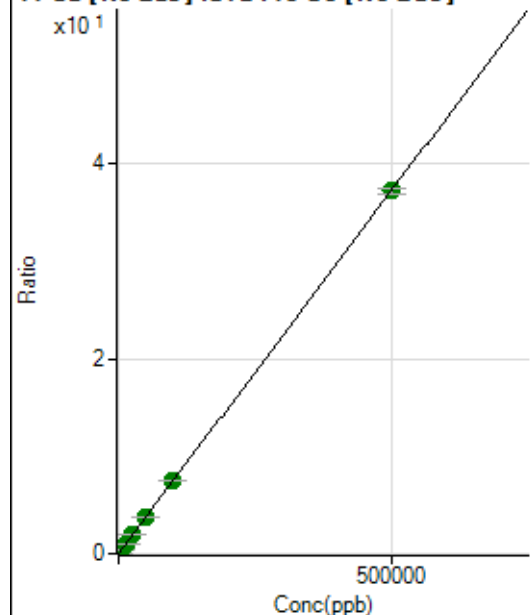
$$R = 1.0000$$

$$DL = 2.307$$

$$BEC = 25.35$$

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      | 17755.29    | 0.0031  | P    | 1.9 |
| 2 | <input type="checkbox"/> | 500.000   | 545.655    | 255667.22   | 0.0437  | P    | 0.5 |
| 3 | <input type="checkbox"/> | 5000.000  | 5033.271   | 2237613.65  | 0.3778  | A    | 0.5 |
| 4 | <input type="checkbox"/> | 12500.000 | 12817.958  | 5537771.03  | 0.9573  | A    | 1.0 |
| 5 | <input type="checkbox"/> | 25000.000 | 25984.134  | 10439022.69 | 1.9374  | A    | 1.1 |
| 6 | <input type="checkbox"/> | 50000.000 | 50164.140  | 18475400.00 | 3.7375  | A    | 0.4 |
| 7 | <input type="checkbox"/> | 100000.00 | 101293.92  | 37068447.23 | 7.5437  | A    | 0.6 |
| 8 | <input type="checkbox"/> | 500000.00 | 499667.26  | 194230879.3 | 37.2001 | A    | 1.3 |

$$y = 7.4444\text{E-}005 * x + 0.0031$$

$$R = 1.0000$$

$$DL = 2.407$$

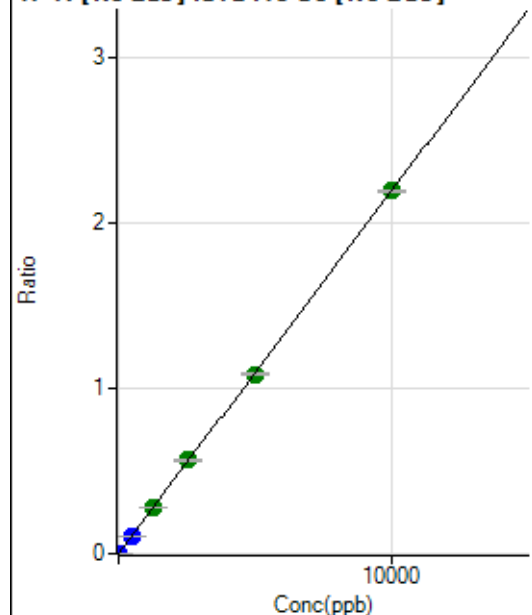
$$BEC = 41.19$$

Weight: &lt;None&gt;

Min Conc: 0



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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 97.78       | 0.0000 | P    | 5.1  |
| 2 | <input type="checkbox"/> | 5.000     | 5.343      | 6949.43     | 0.0012 | P    | 1.7  |
| 3 | <input type="checkbox"/> | 500.000   | 493.202    | 640086.98   | 0.1081 | P    | 0.6  |
| 4 | <input type="checkbox"/> | 1250.000  | 1289.349   | 1634092.75  | 0.2825 | A    | 0.6  |
| 5 | <input type="checkbox"/> | 2500.000  | 2584.805   | 3051173.22  | 0.5663 | A    | 1.6  |
| 6 | <input type="checkbox"/> | 5000.000  | 4942.426   | 5352235.82  | 1.0827 | A    | 0.7  |
| 7 | <input type="checkbox"/> | 10000.000 | 10003.007  | 10767864.14 | 2.1914 | A    | 0.7  |
| 8 | <input type="checkbox"/> |           |            | 1898.06     | 0.0004 | P    | 11.2 |

$$y = 2.1907\text{E-}004 * x + 1.6883\text{E-}005$$

$$R = 0.9999$$

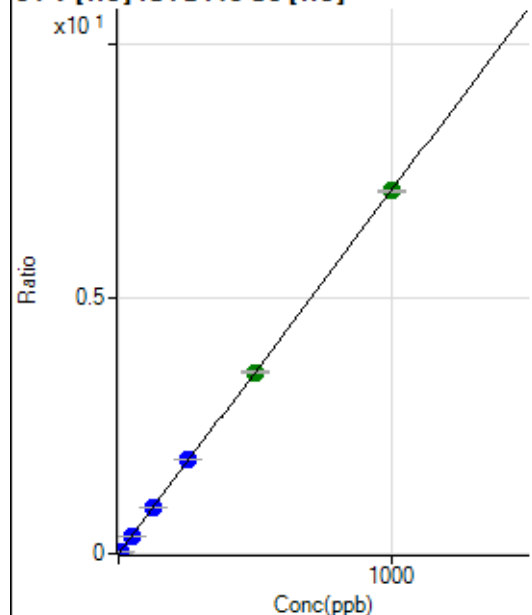
$$DL = 0.01184$$

$$BEC = 0.07707$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 20.00      | 0.0000 | P    | 0.2 |
| 2 | <input type="checkbox"/> | 5.000    | 5.410      | 20676.50   | 0.0386 | P    | 0.9 |
| 3 | <input type="checkbox"/> | 50.000   | 49.770     | 188382.72  | 0.3548 | P    | 0.8 |
| 4 | <input type="checkbox"/> | 125.000  | 128.402    | 471737.48  | 0.9154 | P    | 0.5 |
| 5 | <input type="checkbox"/> | 250.000  | 258.043    | 821790.53  | 1.8396 | P    | 0.3 |
| 6 | <input type="checkbox"/> | 500.000  | 498.005    | 1574905.59 | 3.5504 | A    | 0.9 |
| 7 | <input type="checkbox"/> | 1000.000 | 998.571    | 3215112.83 | 7.1189 | A    | 0.6 |
| 8 | <input type="checkbox"/> |          |            | 812.25     | 0.0017 | P    | 7.7 |

$$y = 0.0071 * x + 3.7487\text{E-}005$$

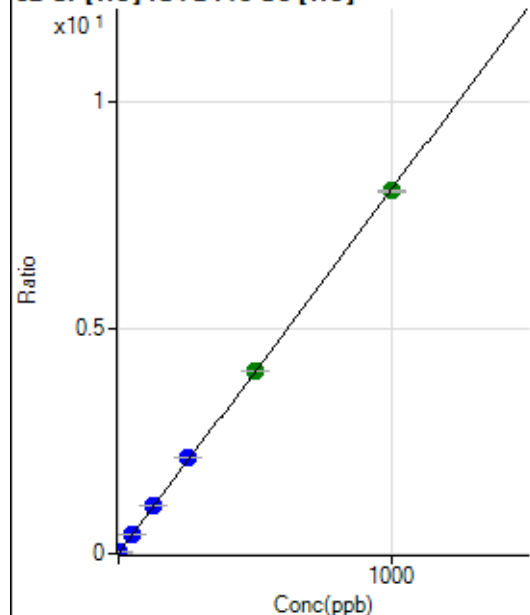
$$R = 1.0000$$

$$DL = 2.651\text{E-}05$$

$$BEC = 0.005258$$

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      | 2708.04    | 0.0051 | P        | 8.6 |
| 2 | <input type="checkbox"/> | 2.000    | 2.167      | 12072.68   | 0.0225 | P        | 1.4 |
| 3 | <input type="checkbox"/> | 50.000   | 50.319     | 217978.70  | 0.4106 | P        | 0.5 |
| 4 | <input type="checkbox"/> | 125.000  | 129.351    | 539804.46  | 1.0475 | P        | 0.4 |
| 5 | <input type="checkbox"/> | 250.000  | 261.859    | 944969.26  | 2.1154 | P        | 0.4 |
| 6 | <input type="checkbox"/> | 500.000  | 500.259    | 1790647.79 | 4.0367 | A        | 0.6 |
| 7 | <input type="checkbox"/> | 1000.000 | 996.346    | 3628669.32 | 8.0346 | A        | 0.8 |
| 8 | <input type="checkbox"/> |          |            | 8551.99    | 0.0174 | P        | 6.7 |

$$y = 0.0081 * x + 0.0051$$

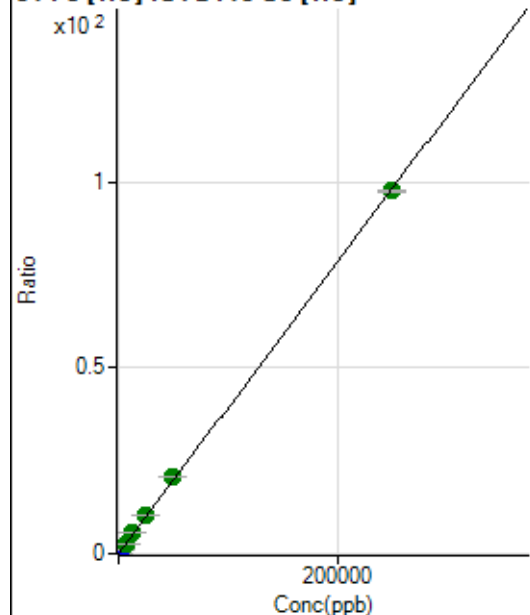
$$R = 0.9999$$

$$DL = 0.162$$

$$BEC = 0.6298$$

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      | 2666.93     | 0.0050  | P        | 3.3 |
| 2 | <input type="checkbox"/> | 50.000    | 62.076     | 15701.65    | 0.0293  | P        | 1.4 |
| 3 | <input type="checkbox"/> | 2500.000  | 2765.773   | 577839.56   | 1.0884  | P        | 0.5 |
| 4 | <input type="checkbox"/> | 6250.000  | 6915.057   | 1398424.75  | 2.7138  | A        | 1.5 |
| 5 | <input type="checkbox"/> | 12500.000 | 14026.396  | 2456706.77  | 5.4996  | A        | 0.6 |
| 6 | <input type="checkbox"/> | 25000.000 | 26755.395  | 4651481.11  | 10.4859 | A        | 0.8 |
| 7 | <input type="checkbox"/> | 50000.000 | 52904.613  | 9362044.51  | 20.7294 | A        | 0.4 |
| 8 | <input type="checkbox"/> | 250000.00 | 249147.93  | 47940583.73 | 97.6042 | A        | 0.8 |

$$y = 3.9173E-004 * x + 0.0050$$

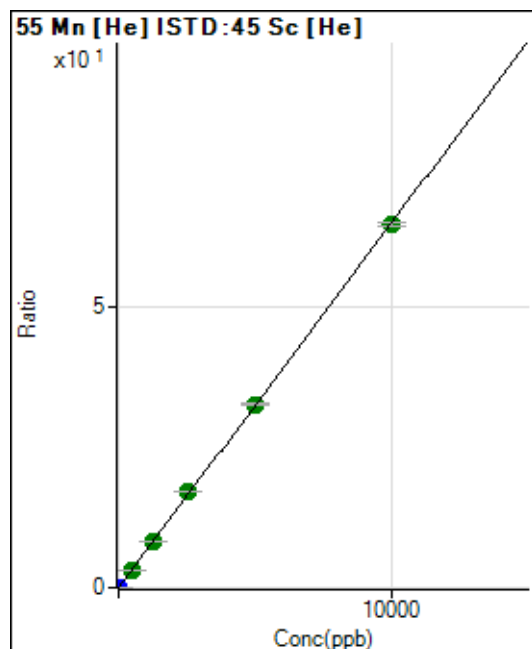
$$R = 0.9999$$

$$DL = 1.274$$

$$BEC = 12.76$$

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      | 575.57      | 0.0011  | P    | 7.2 |
| 2 | <input type="checkbox"/> | 1.000     | 1.040      | 4202.84     | 0.0078  | P    | 1.5 |
| 3 | <input type="checkbox"/> | 500.000   | 496.484    | 1715792.39  | 3.2318  | A    | 1.6 |
| 4 | <input type="checkbox"/> | 1250.000  | 1281.338   | 4297199.28  | 8.3390  | A    | 0.5 |
| 5 | <input type="checkbox"/> | 2500.000  | 2629.002   | 7642614.68  | 17.1085 | A    | 0.7 |
| 6 | <input type="checkbox"/> | 5000.000  | 5030.404   | 14521073.12 | 32.7350 | A    | 0.3 |
| 7 | <input type="checkbox"/> | 10000.000 | 9948.806   | 29238684.56 | 64.7400 | A    | 1.1 |
| 8 | <input type="checkbox"/> |           |            | 16115.43    | 0.0328  | P    | 1.1 |

$$y = 0.0065 * x + 0.0011$$

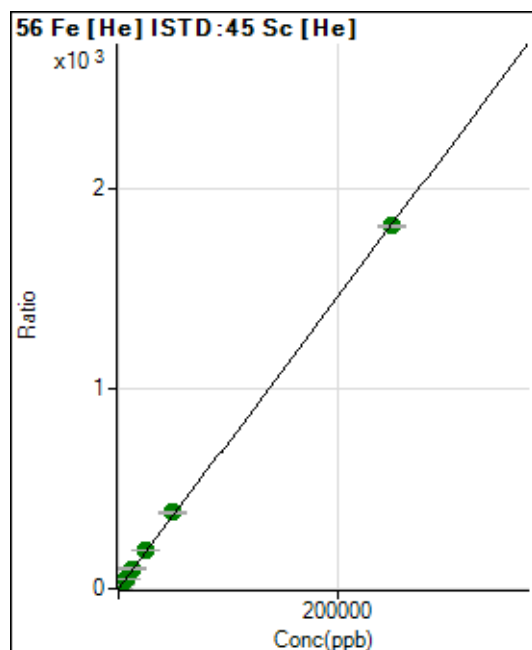
$$R = 0.9999$$

$$DL = 0.03584$$

$$BEC = 0.1658$$

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      | 24283.01    | 0.0455    | P    | 0.7 |
| 2 | <input type="checkbox"/> | 50.000    | 58.983     | 253781.19   | 0.4739    | P    | 0.8 |
| 3 | <input type="checkbox"/> | 2500.000  | 2605.293   | 10068319.64 | 18.9653   | A    | 0.5 |
| 4 | <input type="checkbox"/> | 6250.000  | 6741.491   | 25251882.68 | 49.0025   | A    | 0.5 |
| 5 | <input type="checkbox"/> | 12500.000 | 13852.421  | 44957787.66 | 100.6425  | A    | 0.6 |
| 6 | <input type="checkbox"/> | 25000.000 | 26415.933  | 85116606.51 | 191.8793  | A    | 0.6 |
| 7 | <input type="checkbox"/> | 50000.000 | 52331.335  | 171655376.3 | 380.0782  | A    | 0.6 |
| 8 | <input type="checkbox"/> | 250000.00 | 249311.17  | 889312386.7 | 1,810.555 | A    | 0.2 |

$$y = 0.0073 * x + 0.0455$$

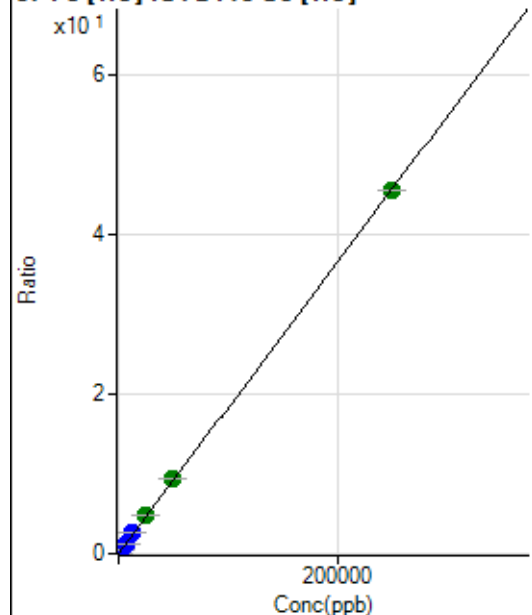
$$R = 0.9999$$

$$DL = 0.1378$$

$$BEC = 6.267$$

Weight: <None>

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1573.43     | 0.0029  | P    | 5.1 |
| 2 | <input type="checkbox"/> | 50.000    | 61.900     | 7630.89     | 0.0142  | P    | 3.2 |
| 3 | <input type="checkbox"/> | 2500.000  | 2693.556   | 262605.48   | 0.4947  | P    | 0.6 |
| 4 | <input type="checkbox"/> | 6250.000  | 6918.251   | 652331.04   | 1.2659  | P    | 0.2 |
| 5 | <input type="checkbox"/> | 12500.000 | 14343.478  | 1171007.42  | 2.6214  | P    | 0.3 |
| 6 | <input type="checkbox"/> | 25000.000 | 26061.400  | 2111732.00  | 4.7605  | A    | 1.0 |
| 7 | <input type="checkbox"/> | 50000.000 | 51995.008  | 4288101.88  | 9.4947  | A    | 0.6 |
| 8 | <input type="checkbox"/> | 250000.00 | 249384.04  | 22362803.83 | 45.5284 | A    | 0.2 |

$$y = 1.8255\text{E-}004 * x + 0.0029$$

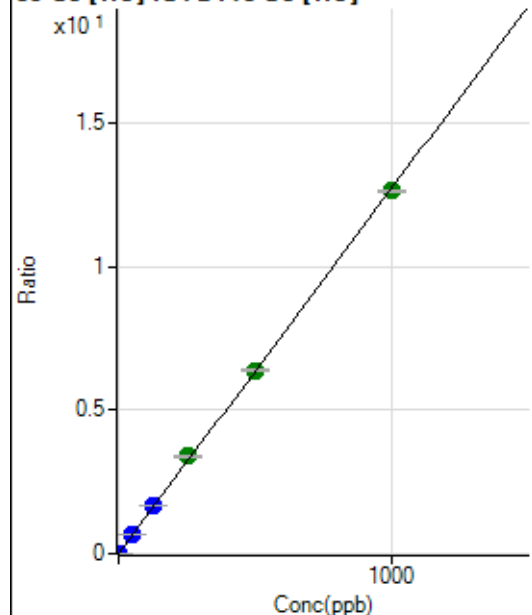
R = 0.9999

DL = 2.475

BEC = 16.16

Weight: <None>

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD |
|---|--------------------------|----------|------------|------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 172.22     | 0.0003  | P    | 9.1 |
| 2 | <input type="checkbox"/> | 1.000    | 1.102      | 7680.92    | 0.0143  | P    | 2.5 |
| 3 | <input type="checkbox"/> | 50.000   | 50.969     | 344219.65  | 0.6484  | P    | 0.7 |
| 4 | <input type="checkbox"/> | 125.000  | 130.333    | 854149.63  | 1.6575  | P    | 0.2 |
| 5 | <input type="checkbox"/> | 250.000  | 267.049    | 1516938.99 | 3.3959  | A    | 1.1 |
| 6 | <input type="checkbox"/> | 500.000  | 502.733    | 2835714.33 | 6.3926  | A    | 0.2 |
| 7 | <input type="checkbox"/> | 1000.000 | 993.656    | 5706183.80 | 12.6347 | A    | 0.6 |
| 8 | <input type="checkbox"/> |          |            | 17316.72   | 0.0353  | P    | 0.6 |

$$y = 0.0127 * x + 3.2279\text{E-}004$$

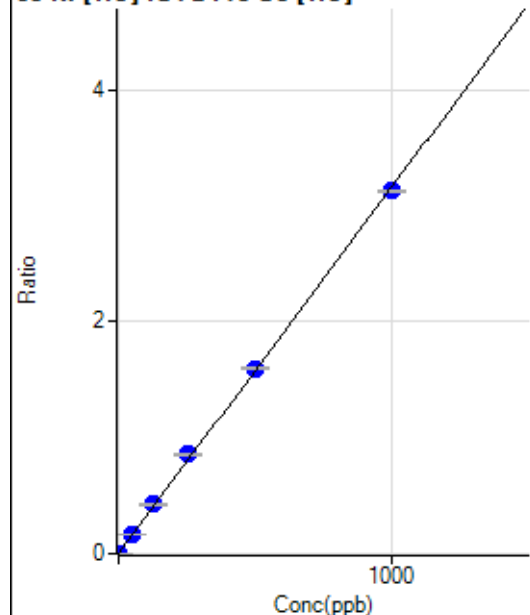
R = 0.9998

DL = 0.006922

BEC = 0.02539

Weight: <None>

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1182.28    | 0.0022 | P   | 10.3 |
| 2 | <input type="checkbox"/> | 1.000    | 1.009      | 2893.64    | 0.0054 | P   | 4.6  |
| 3 | <input type="checkbox"/> | 50.000   | 52.321     | 88900.26   | 0.1675 | P   | 0.6  |
| 4 | <input type="checkbox"/> | 125.000  | 133.351    | 218171.05  | 0.4234 | P   | 0.4  |
| 5 | <input type="checkbox"/> | 250.000  | 270.809    | 383053.86  | 0.8575 | P   | 0.8  |
| 6 | <input type="checkbox"/> | 500.000  | 506.004    | 709876.48  | 1.6003 | P   | 0.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 990.636    | 1413979.58 | 3.1309 | P   | 0.4  |
| 8 | <input type="checkbox"/> |          |            | 8121.14    | 0.0165 | P   | 1.0  |

$$y = 0.0032 * x + 0.0022$$

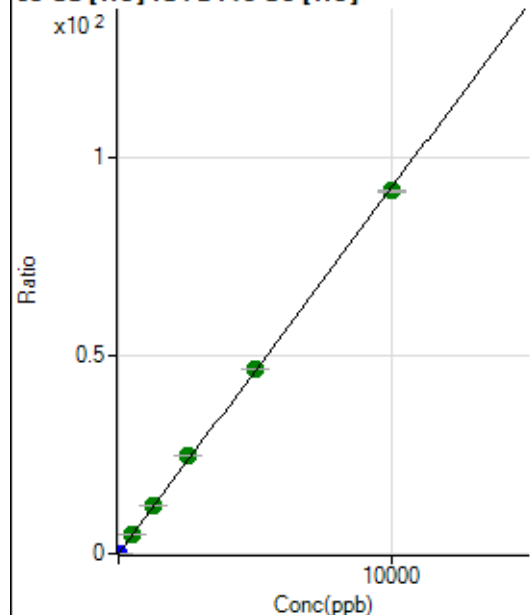
$$R = 0.9997$$

$$DL = 0.2176$$

$$BEC = 0.7016$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 3334.85     | 0.0063  | P   | 0.3 |
| 2 | <input type="checkbox"/> | 2.000     | 2.044      | 13447.24    | 0.0251  | P   | 2.4 |
| 3 | <input type="checkbox"/> | 500.000   | 517.355    | 2537323.50  | 4.7793  | A   | 1.2 |
| 4 | <input type="checkbox"/> | 1250.000  | 1327.282   | 6313528.24  | 12.2515 | A   | 0.9 |
| 5 | <input type="checkbox"/> | 2500.000  | 2696.832   | 11117255.11 | 24.8868 | A   | 0.2 |
| 6 | <input type="checkbox"/> | 5000.000  | 5046.460   | 20655541.92 | 46.5640 | A   | 0.2 |
| 7 | <input type="checkbox"/> | 10000.000 | 9917.034   | 41323686.88 | 91.4991 | A   | 0.5 |
| 8 | <input type="checkbox"/> |           |            | 12345.17    | 0.0251  | P   | 1.7 |

$$y = 0.0092 * x + 0.0063$$

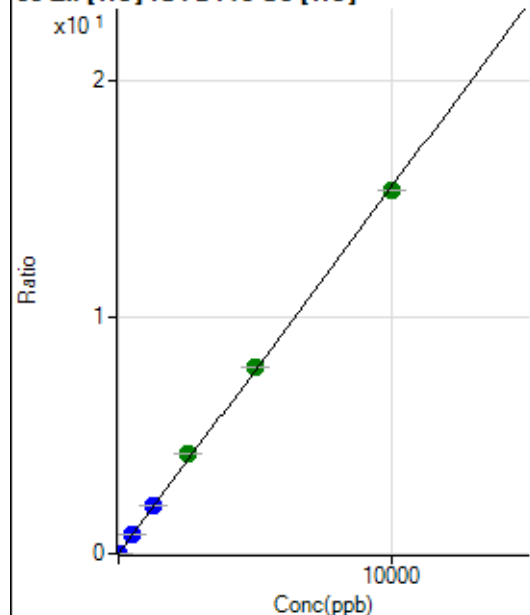
$$R = 0.9998$$

$$DL = 0.006354$$

$$BEC = 0.6775$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 811.14     | 0.0015  | P   | 5.6 |
| 2 | <input type="checkbox"/> | 5.000     | 5.013      | 4975.32    | 0.0093  | P   | 3.1 |
| 3 | <input type="checkbox"/> | 500.000   | 513.407    | 423223.78  | 0.7972  | P   | 0.7 |
| 4 | <input type="checkbox"/> | 1250.000  | 1318.028   | 1053426.95 | 2.0442  | P   | 0.2 |
| 5 | <input type="checkbox"/> | 2500.000  | 2732.817   | 1892688.29 | 4.2369  | A   | 0.2 |
| 6 | <input type="checkbox"/> | 5000.000  | 5079.983   | 3493146.03 | 7.8746  | A   | 0.6 |
| 7 | <input type="checkbox"/> | 10000.000 | 9892.631   | 6925074.41 | 15.3334 | A   | 0.2 |
| 8 | <input type="checkbox"/> |           |            | 11055.30   | 0.0225  | P   | 0.4 |

$$y = 0.0015 * x + 0.0015$$

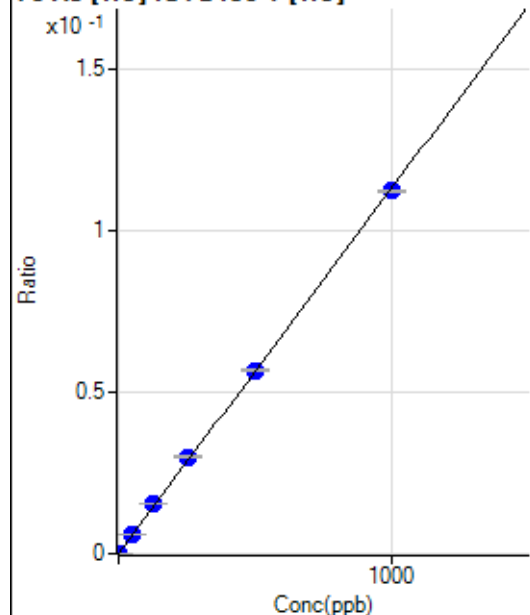
$$R = 0.9996$$

$$DL = 0.1645$$

$$BEC = 0.981$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 10.00     | 0.0000 | P   | 66.7 |
| 2 | <input type="checkbox"/> | 1.000    | 1.178      | 682.24    | 0.0001 | P   | 3.1  |
| 3 | <input type="checkbox"/> | 50.000   | 52.558     | 29917.92  | 0.0059 | P   | 1.1  |
| 4 | <input type="checkbox"/> | 125.000  | 135.323    | 75062.81  | 0.0153 | P   | 1.0  |
| 5 | <input type="checkbox"/> | 250.000  | 265.105    | 133198.85 | 0.0299 | P   | 0.9  |
| 6 | <input type="checkbox"/> | 500.000  | 502.788    | 250325.07 | 0.0568 | P   | 1.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 993.411    | 504599.63 | 0.1122 | P   | 0.8  |
| 8 | <input type="checkbox"/> |          |            | 334.45    | 0.0001 | P   | 8.8  |

$$y = 1.1289E-004 * x + 1.9855E-006$$

$$R = 0.9998$$

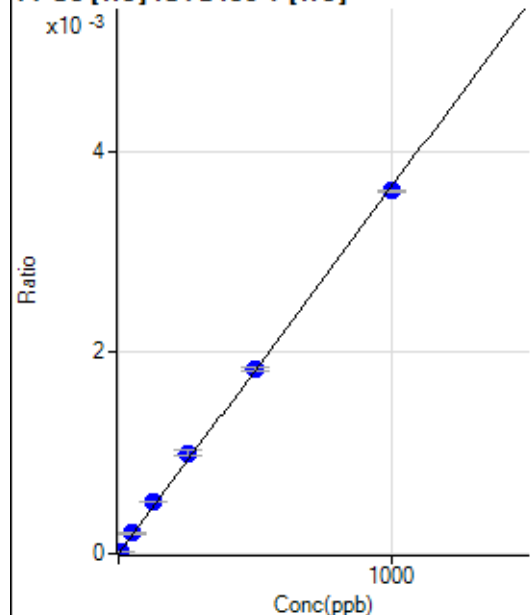
$$DL = 0.03521$$

$$BEC = 0.01759$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 0.00     | 0.0000 | P    |      |
| 2 | <input type="checkbox"/> | 5.000    | 5.668      | 104.44   | 0.0000 | P    | 1.7  |
| 3 | <input type="checkbox"/> | 50.000   | 56.171     | 1032.27  | 0.0002 | P    | 6.5  |
| 4 | <input type="checkbox"/> | 125.000  | 141.995    | 2543.58  | 0.0005 | P    | 1.6  |
| 5 | <input type="checkbox"/> | 250.000  | 274.277    | 4449.60  | 0.0010 | P    | 5.3  |
| 6 | <input type="checkbox"/> | 500.000  | 505.157    | 8122.31  | 0.0018 | P    | 1.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 988.916    | 16223.43 | 0.0036 | P    | 0.4  |
| 8 | <input type="checkbox"/> |          |            | 4.44     | 0.0000 | P    | 114. |

$$y = 3.6462\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9996$$

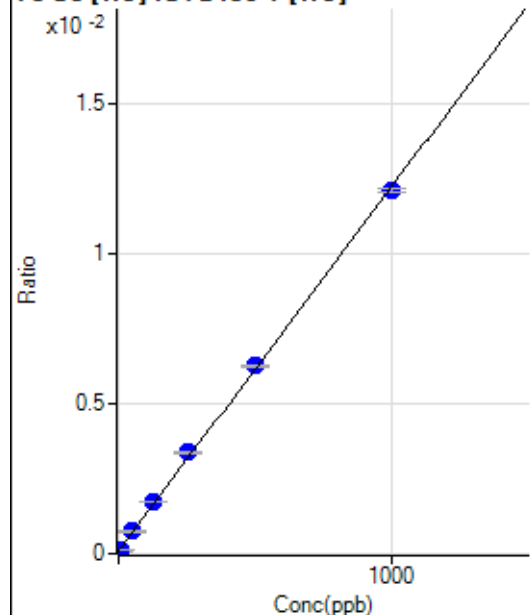
$$DL = 0$$

$$BEC = 0$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 467.79   | 0.0001 | P    | 16.5 |
| 2 | <input type="checkbox"/> | 5.000    | 5.074      | 780.03   | 0.0002 | P    | 5.7  |
| 3 | <input type="checkbox"/> | 50.000   | 53.965     | 3771.63  | 0.0007 | P    | 4.1  |
| 4 | <input type="checkbox"/> | 125.000  | 137.126    | 8639.24  | 0.0018 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 250.000  | 270.762    | 15049.97 | 0.0034 | P    | 2.5  |
| 6 | <input type="checkbox"/> | 500.000  | 507.811    | 27611.34 | 0.0063 | P    | 1.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 989.190    | 54477.46 | 0.0121 | P    | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 374.45   | 0.0001 | P    | 8.1  |

$$y = 1.2147\text{E-}005 * x + 9.2766\text{E-}005$$

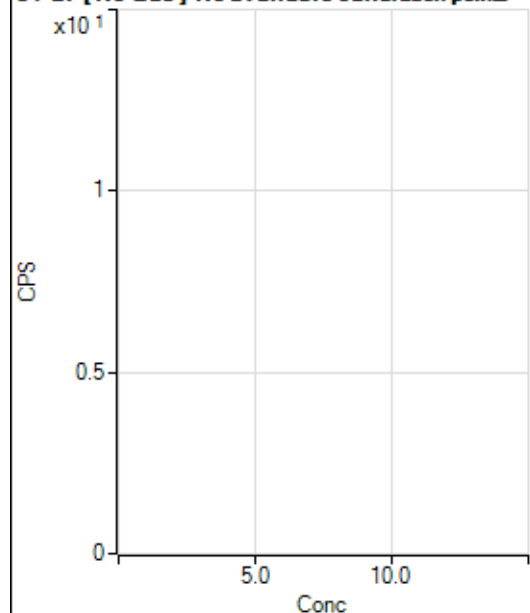
$$R = 0.9997$$

$$DL = 3.782$$

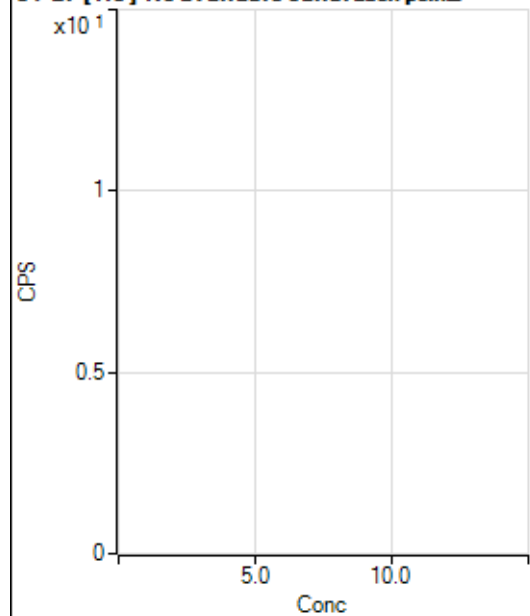
$$BEC = 7.637$$

Weight: &lt;None&gt;

Min Conc: 0

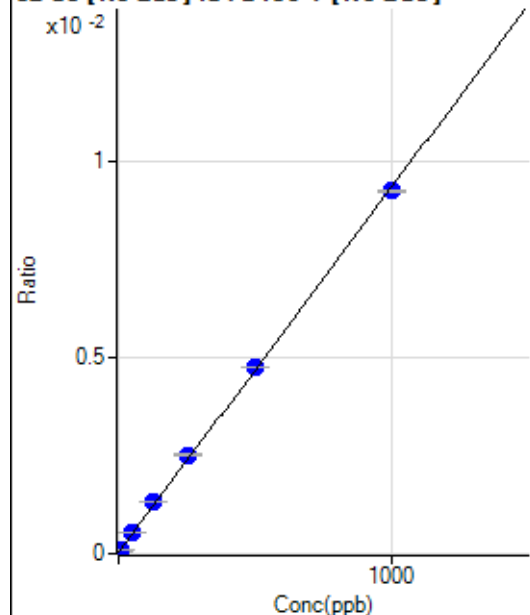
**81 Br [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 15558.33 |       | P        | 2.1 |
| 2 | <input type="checkbox"/> |       |            | 15716.25 |       | P        | 2.0 |
| 3 | <input type="checkbox"/> |       |            | 15949.81 |       | P        | 1.7 |
| 4 | <input type="checkbox"/> |       |            | 15303.61 |       | P        | 0.9 |
| 5 | <input type="checkbox"/> |       |            | 13494.05 |       | P        | 2.9 |
| 6 | <input type="checkbox"/> |       |            | 11845.96 |       | P        | 2.6 |
| 7 | <input type="checkbox"/> |       |            | 11936.03 |       | P        | 4.4 |
| 8 | <input type="checkbox"/> |       |            | 13441.80 |       | P        | 0.7 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 86.67  |       | P        | 23.4 |
| 2 | <input type="checkbox"/> |       |            | 122.22 |       | P        | 10.3 |
| 3 | <input type="checkbox"/> |       |            | 116.67 |       | P        | 7.6  |
| 4 | <input type="checkbox"/> |       |            | 93.33  |       | P        | 0.0  |
| 5 | <input type="checkbox"/> |       |            | 72.22  |       | P        | 10.7 |
| 6 | <input type="checkbox"/> |       |            | 92.22  |       | P        | 15.0 |
| 7 | <input type="checkbox"/> |       |            | 72.22  |       | P        | 20.8 |
| 8 | <input type="checkbox"/> |       |            | 96.67  |       | P        | 19.2 |



**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      | 560.35    | 0.0000 | P    | 8.5 |
| 2 | <input type="checkbox"/> | 5.000    | 5.621      | 1455.82   | 0.0001 | P    | 4.5 |
| 3 | <input type="checkbox"/> | 50.000   | 53.375     | 9028.61   | 0.0005 | P    | 1.6 |
| 4 | <input type="checkbox"/> | 125.000  | 137.003    | 22181.94  | 0.0013 | P    | 0.6 |
| 5 | <input type="checkbox"/> | 250.000  | 267.665    | 41060.07  | 0.0025 | P    | 0.5 |
| 6 | <input type="checkbox"/> | 500.000  | 507.290    | 72629.10  | 0.0047 | P    | 0.7 |
| 7 | <input type="checkbox"/> | 1000.000 | 990.266    | 142220.54 | 0.0092 | P    | 0.5 |
| 8 | <input type="checkbox"/> |          |            | 645.46    | 0.0000 | P    | 5.7 |

$$y = 9.2957\text{E-}006 * x + 3.3275\text{E-}005$$

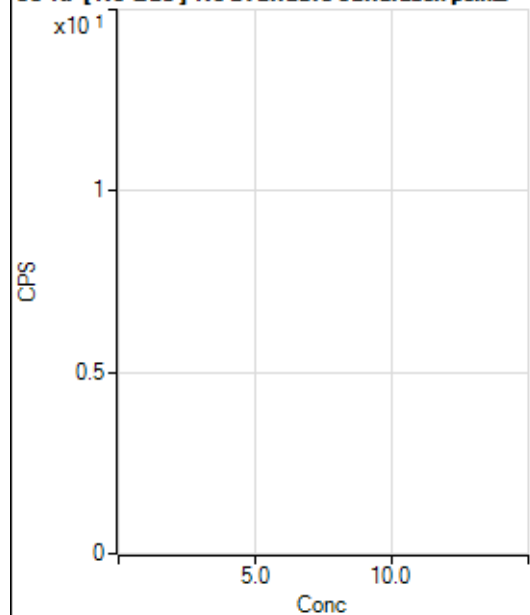
$$R = 0.9998$$

$$DL = 0.9101$$

$$BEC = 3.58$$

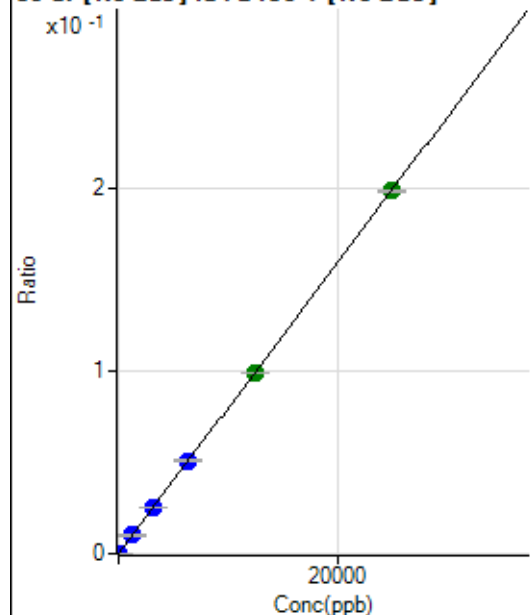
Weight: &lt;None&gt;

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"/> |       |            | 224.45 |       | P    | 14.0 |
| 2 | <input type="checkbox"/> |       |            | 186.67 |       | P    | 3.6  |
| 3 | <input type="checkbox"/> |       |            | 194.45 |       | P    | 12.4 |
| 4 | <input type="checkbox"/> |       |            | 182.22 |       | P    | 7.4  |
| 5 | <input type="checkbox"/> |       |            | 200.00 |       | P    | 6.7  |
| 6 | <input type="checkbox"/> |       |            | 143.33 |       | P    | 8.1  |
| 7 | <input type="checkbox"/> |       |            | 162.22 |       | P    | 29.8 |
| 8 | <input type="checkbox"/> |       |            | 231.12 |       | P    | 13.1 |

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      | 375.56     | 0.0000 | P    | 3.6 |
| 2 | <input type="checkbox"/> | 1.000     | 26.046     | 3909.45    | 0.0002 | P    | 2.0 |
| 3 | <input type="checkbox"/> | 1250.000  | 1255.466   | 170794.58  | 0.0100 | P    | 0.9 |
| 4 | <input type="checkbox"/> | 3125.000  | 3182.022   | 430288.12  | 0.0254 | P    | 0.6 |
| 5 | <input type="checkbox"/> | 6250.000  | 6415.442   | 831850.73  | 0.0511 | P    | 0.5 |
| 6 | <input type="checkbox"/> | 12500.000 | 12432.564  | 1513812.72 | 0.0990 | A    | 0.7 |
| 7 | <input type="checkbox"/> | 25000.000 | 24984.956  | 3061733.74 | 0.1989 | A    | 0.9 |
| 8 | <input type="checkbox"/> |           |            | 9764.40    | 0.0006 | P    | 1.5 |

$$y = 7.9596\text{E-}006 * x + 2.2307\text{E-}005$$

$$R = 1.0000$$

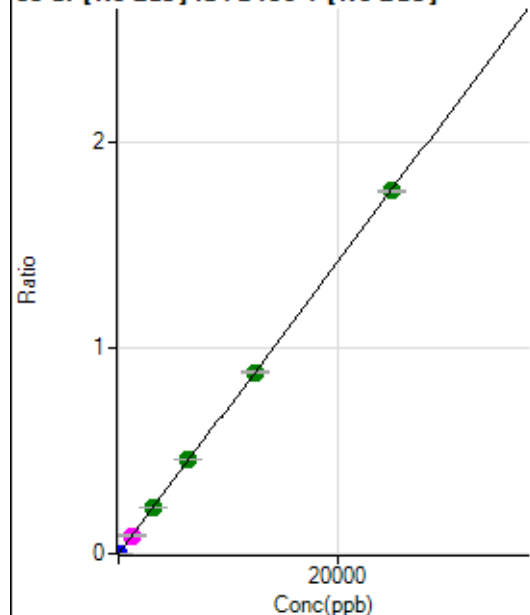
$$DL = 0.3024$$

$$BEC = 2.802$$

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      | 316.67      | 0.0000 | P    | 6.9 |
| 2 | <input type="checkbox"/> | 1.000     | 26.582     | 32304.37    | 0.0019 | P    | 0.5 |
| 3 | <input type="checkbox"/> | 1250.000  | 1253.613   | 1511095.33  | 0.0886 | M    | 1.0 |
| 4 | <input type="checkbox"/> | 3125.000  | 3211.734   | 3852742.13  | 0.2270 | A    | 0.9 |
| 5 | <input type="checkbox"/> | 6250.000  | 6466.272   | 7440992.81  | 0.4570 | A    | 0.2 |
| 6 | <input type="checkbox"/> | 12500.000 | 12486.942  | 13495520.49 | 0.8824 | A    | 0.4 |
| 7 | <input type="checkbox"/> | 25000.000 | 24941.438  | 27132505.71 | 1.7625 | A    | 0.6 |
| 8 | <input type="checkbox"/> |           |            | 82950.99    | 0.0053 | P    | 0.5 |

$$y = 7.0665\text{E-}005 * x + 1.8817\text{E-}005$$

$$R = 1.0000$$

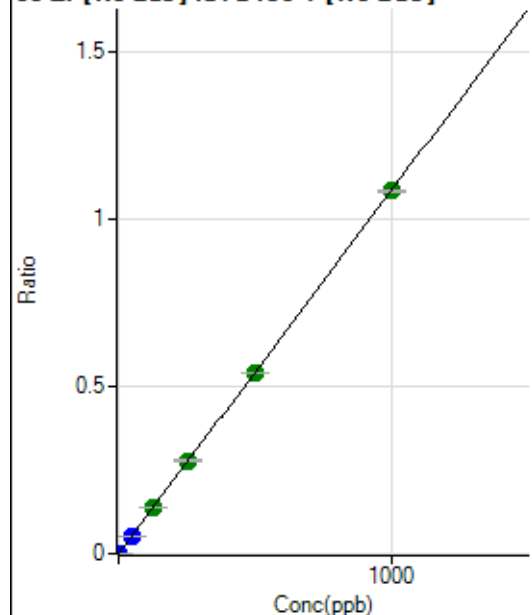
$$DL = 0.05543$$

$$BEC = 0.2663$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 812.25      | 0.0000 | P   | 2.7 |
| 2 | <input type="checkbox"/> | 1.000    | 1.041      | 20083.84    | 0.0012 | P   | 1.6 |
| 3 | <input type="checkbox"/> | 50.000   | 49.476     | 918024.71   | 0.0538 | P   | 0.6 |
| 4 | <input type="checkbox"/> | 125.000  | 129.090    | 2382750.71  | 0.1404 | A   | 0.3 |
| 5 | <input type="checkbox"/> | 250.000  | 256.218    | 4536527.22  | 0.2786 | A   | 0.5 |
| 6 | <input type="checkbox"/> | 500.000  | 499.353    | 8302567.72  | 0.5429 | A   | 0.2 |
| 7 | <input type="checkbox"/> | 1000.000 | 998.284    | 16707539.89 | 1.0852 | A   | 0.4 |
| 8 | <input type="checkbox"/> |          |            | 11024.22    | 0.0007 | P   | 4.1 |

$$y = 0.0011 * x + 4.8247E-005$$

$$R = 1.0000$$

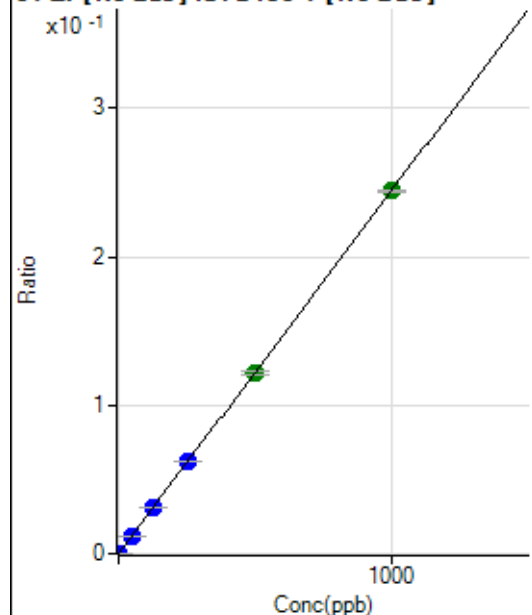
$$DL = 0.003593$$

$$BEC = 0.04438$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 145.56     | 0.0000 | P   | 12.5 |
| 2 | <input type="checkbox"/> | 1.000    | 1.029      | 4428.49    | 0.0003 | P   | 1.4  |
| 3 | <input type="checkbox"/> | 50.000   | 49.872     | 207923.97  | 0.0122 | P   | 1.3  |
| 4 | <input type="checkbox"/> | 125.000  | 127.168    | 527496.01  | 0.0311 | P   | 0.6  |
| 5 | <input type="checkbox"/> | 250.000  | 255.231    | 1015457.23 | 0.0624 | P   | 0.6  |
| 6 | <input type="checkbox"/> | 500.000  | 497.416    | 1858681.59 | 0.1215 | A   | 1.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 999.720    | 3760040.71 | 0.2442 | A   | 0.9  |
| 8 | <input type="checkbox"/> |          |            | 2465.79    | 0.0002 | P   | 3.3  |

$$y = 2.4431E-004 * x + 8.6446E-006$$

$$R = 1.0000$$

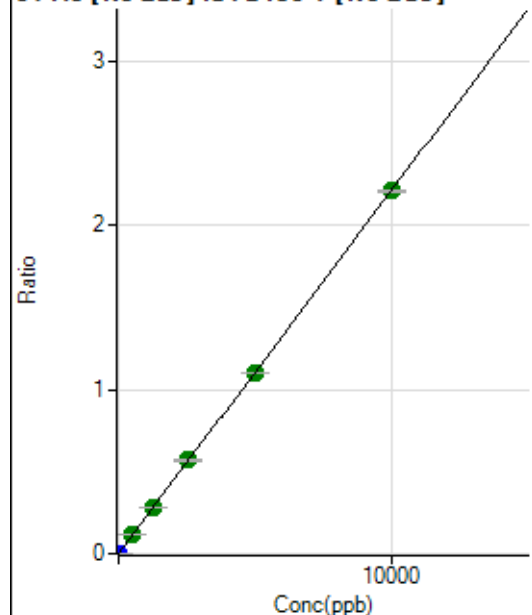
$$DL = 0.01329$$

$$BEC = 0.03538$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 454.46      | 0.0000 | P        | 11.7 |
| 2 | <input type="checkbox"/> | 5.000     | 6.183      | 23768.25    | 0.0014 | P        | 0.6  |
| 3 | <input type="checkbox"/> | 500.000   | 506.411    | 1912394.00  | 0.1121 | A        | 0.9  |
| 4 | <input type="checkbox"/> | 1250.000  | 1282.531   | 4820096.25  | 0.2840 | A        | 0.7  |
| 5 | <input type="checkbox"/> | 2500.000  | 2571.735   | 9272282.15  | 0.5694 | A        | 1.0  |
| 6 | <input type="checkbox"/> | 5000.000  | 4981.149   | 16866196.00 | 1.1028 | A        | 0.2  |
| 7 | <input type="checkbox"/> | 10000.000 | 9987.104   | 34037721.44 | 2.2111 | A        | 0.7  |
| 8 | <input type="checkbox"/> |           |            | 9345.30     | 0.0006 | P        | 8.6  |

$$y = 2.2139\text{E-}004 * x + 2.7004\text{E-}005$$

R = 1.0000

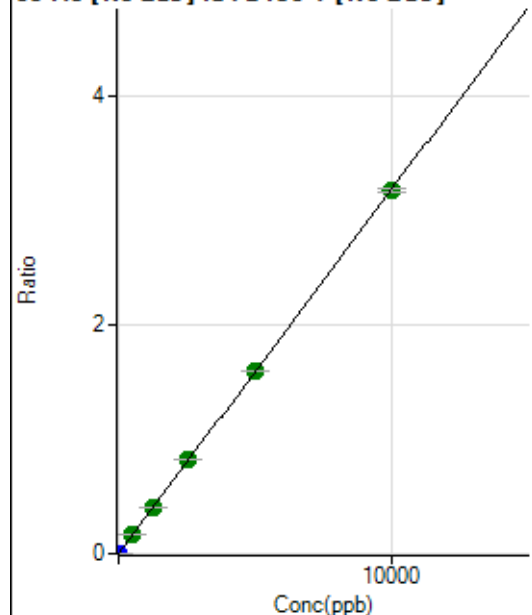
DL = 0.04279

BEC = 0.122

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 408.90      | 0.0000 | P        | 11.6 |
| 2 | <input type="checkbox"/> | 5.000     | 5.235      | 28837.37    | 0.0017 | P        | 2.3  |
| 3 | <input type="checkbox"/> | 500.000   | 505.663    | 2750105.34  | 0.1613 | A        | 1.2  |
| 4 | <input type="checkbox"/> | 1250.000  | 1291.747   | 6992033.92  | 0.4119 | A        | 0.3  |
| 5 | <input type="checkbox"/> | 2500.000  | 2586.509   | 13430441.05 | 0.8248 | A        | 0.3  |
| 6 | <input type="checkbox"/> | 5000.000  | 5020.963   | 24486462.97 | 1.6011 | A        | 0.3  |
| 7 | <input type="checkbox"/> | 10000.000 | 9962.389   | 48902198.16 | 3.1768 | A        | 0.9  |
| 8 | <input type="checkbox"/> |           |            | 8936.15     | 0.0006 | P        | 7.0  |

$$y = 3.1887\text{E-}004 * x + 2.4289\text{E-}005$$

R = 1.0000

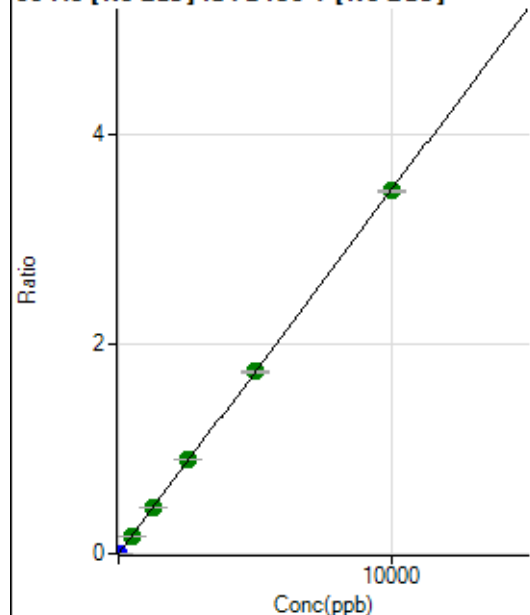
DL = 0.02662

BEC = 0.07617

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      | 494.46      | 0.0000 | P        | 16.2 |
| 2 | <input type="checkbox"/> | 5.000     | 5.314      | 31950.42    | 0.0019 | P        | 0.5  |
| 3 | <input type="checkbox"/> | 500.000   | 498.653    | 2956359.16  | 0.1734 | A        | 1.3  |
| 4 | <input type="checkbox"/> | 1250.000  | 1283.746   | 7574848.98  | 0.4463 | A        | 0.6  |
| 5 | <input type="checkbox"/> | 2500.000  | 2586.617   | 14640832.84 | 0.8992 | A        | 0.6  |
| 6 | <input type="checkbox"/> | 5000.000  | 5005.671   | 26611536.82 | 1.7400 | A        | 0.5  |
| 7 | <input type="checkbox"/> | 10000.000 | 9971.359   | 53357193.65 | 3.4661 | A        | 0.8  |
| 8 | <input type="checkbox"/> |           |            | 19437.47    | 0.0013 | P        | 2.3  |

$$y = 3.4761\text{E-}004 * x + 2.9397\text{E-}005$$

$$R = 1.0000$$

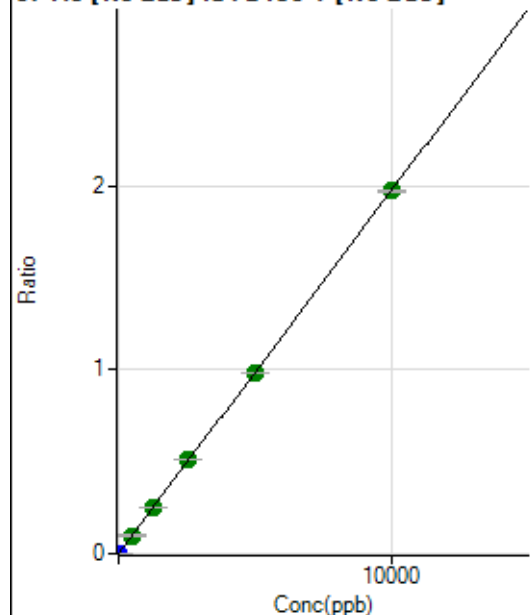
$$DL = 0.04103$$

$$BEC = 0.08457$$

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      | 283.34      | 0.0000 | P        | 4.8 |
| 2 | <input type="checkbox"/> | 5.000     | 5.278      | 18057.90    | 0.0011 | P        | 1.0 |
| 3 | <input type="checkbox"/> | 500.000   | 500.197    | 1687198.48  | 0.0989 | A        | 1.9 |
| 4 | <input type="checkbox"/> | 1250.000  | 1279.966   | 4296574.03  | 0.2531 | A        | 1.0 |
| 5 | <input type="checkbox"/> | 2500.000  | 2582.964   | 8316983.28  | 0.5108 | A        | 0.8 |
| 6 | <input type="checkbox"/> | 5000.000  | 4971.801   | 15036493.66 | 0.9832 | A        | 0.4 |
| 7 | <input type="checkbox"/> | 10000.000 | 9989.603   | 30410766.77 | 1.9754 | A        | 0.6 |
| 8 | <input type="checkbox"/> |           |            | 5586.68     | 0.0004 | P        | 9.1 |

$$y = 1.9775\text{E-}004 * x + 1.6833\text{E-}005$$

$$R = 1.0000$$

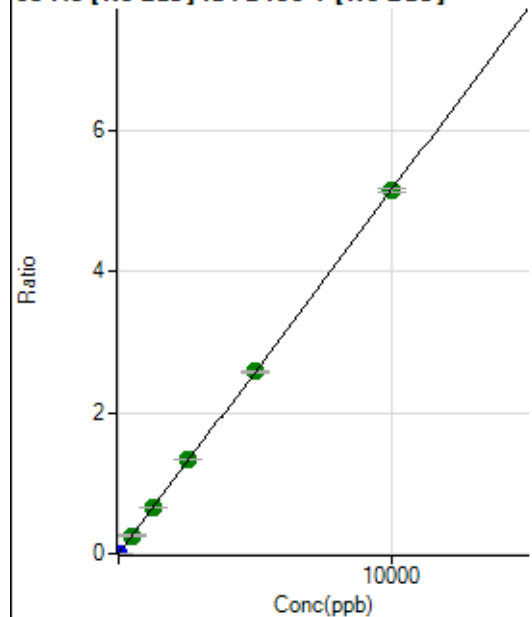
$$DL = 0.01225$$

$$BEC = 0.08512$$

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      | 626.69      | 0.0000 | P        | 6.1  |
| 2 | <input type="checkbox"/> | 5.000     | 5.222      | 46530.53    | 0.0027 | P        | 1.2  |
| 3 | <input type="checkbox"/> | 500.000   | 501.153    | 4412726.08  | 0.2588 | A        | 0.9  |
| 4 | <input type="checkbox"/> | 1250.000  | 1277.520   | 11195519.83 | 0.6596 | A        | 0.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2577.606   | 21669510.79 | 1.3308 | A        | 0.4  |
| 6 | <input type="checkbox"/> | 5000.000  | 5001.204   | 39487719.13 | 2.5820 | A        | 0.3  |
| 7 | <input type="checkbox"/> | 10000.000 | 9976.499   | 79286823.26 | 5.1505 | A        | 1.0  |
| 8 | <input type="checkbox"/> |           |            | 13553.12    | 0.0009 | P        | 11.9 |

$$y = 5.1626\text{E-}004 * x + 3.7203\text{E-}005$$

$$R = 1.0000$$

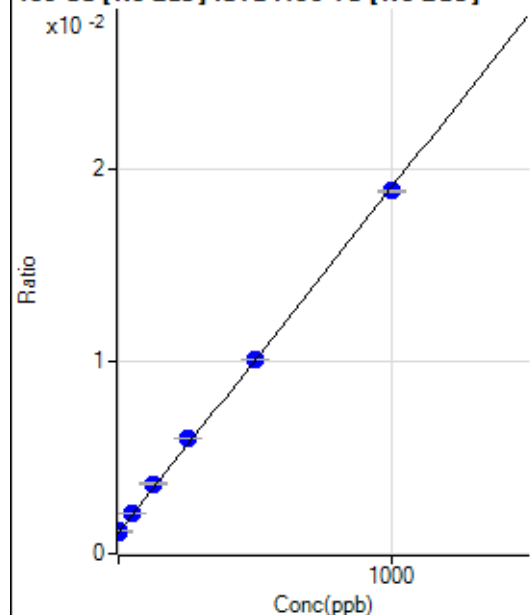
$$DL = 0.0132$$

$$BEC = 0.07206$$

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      | 16455.00  | 0.0011 | P        | 1.7 |
| 2 | <input type="checkbox"/> | 1.000    | 2.766      | 17270.35  | 0.0012 | P        | 0.8 |
| 3 | <input type="checkbox"/> | 50.000   | 56.700     | 32059.81  | 0.0021 | P        | 1.3 |
| 4 | <input type="checkbox"/> | 125.000  | 141.500    | 55127.44  | 0.0037 | P        | 0.5 |
| 5 | <input type="checkbox"/> | 250.000  | 273.946    | 89454.33  | 0.0060 | P        | 0.4 |
| 6 | <input type="checkbox"/> | 500.000  | 502.588    | 147219.28 | 0.0101 | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1000.000 | 990.320    | 277037.14 | 0.0189 | P        | 0.8 |
| 8 | <input type="checkbox"/> |          |            | 14985.62  | 0.0010 | P        | 0.5 |

$$y = 1.7970\text{E-}005 * x + 0.0011$$

$$R = 0.9996$$

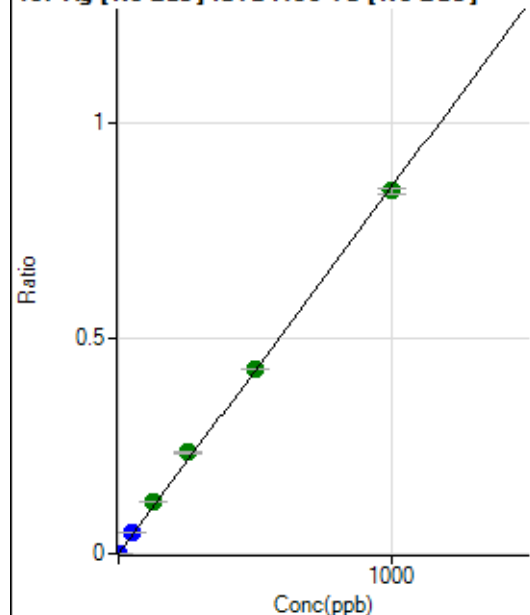
$$DL = 3.155$$

$$BEC = 61.98$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 154.45      | 0.0000 | P        | 6.1  |
| 2 | <input type="checkbox"/> | 1.000    | 1.178      | 15017.86    | 0.0010 | P        | 1.0  |
| 3 | <input type="checkbox"/> | 50.000   | 56.064     | 716378.96   | 0.0477 | P        | 1.0  |
| 4 | <input type="checkbox"/> | 125.000  | 140.882    | 1805113.79  | 0.1197 | A        | 1.1  |
| 5 | <input type="checkbox"/> | 250.000  | 276.670    | 3484124.43  | 0.2351 | A        | 1.3  |
| 6 | <input type="checkbox"/> | 500.000  | 503.668    | 6211276.30  | 0.4280 | A        | 0.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 989.210    | 12315748.71 | 0.8406 | A        | 1.6  |
| 8 | <input type="checkbox"/> |          |            | 2739.18     | 0.0002 | P        | 10.1 |

$$y = 8.4981\text{E-}004 * x + 1.0457\text{E-}005$$

$$R = 0.9995$$

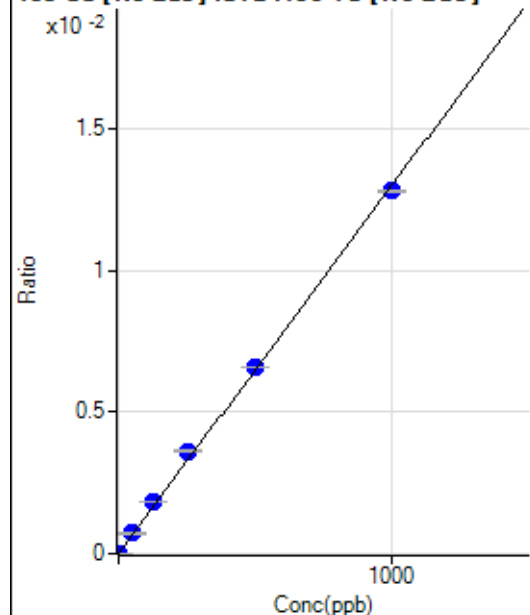
$$DL = 0.002265$$

$$BEC = 0.01231$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 36.67     | 0.0000 | P        | 41.6 |
| 2 | <input type="checkbox"/> | 1.000    | 1.244      | 276.67    | 0.0000 | P        | 1.5  |
| 3 | <input type="checkbox"/> | 50.000   | 55.003     | 10776.32  | 0.0007 | P        | 3.5  |
| 4 | <input type="checkbox"/> | 125.000  | 141.372    | 27721.01  | 0.0018 | P        | 0.7  |
| 5 | <input type="checkbox"/> | 250.000  | 278.191    | 53579.77  | 0.0036 | P        | 1.6  |
| 6 | <input type="checkbox"/> | 500.000  | 507.832    | 95752.13  | 0.0066 | P        | 0.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 986.740    | 187798.28 | 0.0128 | P        | 0.5  |
| 8 | <input type="checkbox"/> |          |            | 106.67    | 0.0000 | P        | 16.9 |

$$y = 1.2989\text{E-}005 * x + 2.4826\text{E-}006$$

$$R = 0.9994$$

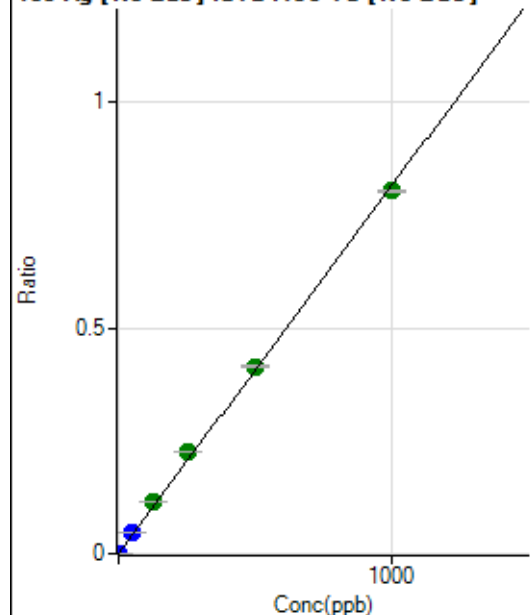
$$DL = 0.2384$$

$$BEC = 0.1911$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 87.78       | 0.0000 | P   | 31.3 |
| 2 | <input type="checkbox"/> | 1.000    | 1.129      | 13724.37    | 0.0009 | P   | 2.5  |
| 3 | <input type="checkbox"/> | 50.000   | 55.680     | 681300.82   | 0.0453 | P   | 0.5  |
| 4 | <input type="checkbox"/> | 125.000  | 140.079    | 1718773.45  | 0.1140 | A   | 1.2  |
| 5 | <input type="checkbox"/> | 250.000  | 276.788    | 3338005.37  | 0.2253 | A   | 0.4  |
| 6 | <input type="checkbox"/> | 500.000  | 508.677    | 6007139.50  | 0.4140 | A   | 0.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 986.795    | 11765501.21 | 0.8031 | A   | 0.7  |
| 8 | <input type="checkbox"/> |          |            | 2560.26     | 0.0002 | P   | 14.2 |

$$y = 8.1383\text{E-}004 * x + 5.9469\text{E-}006$$

$$R = 0.9995$$

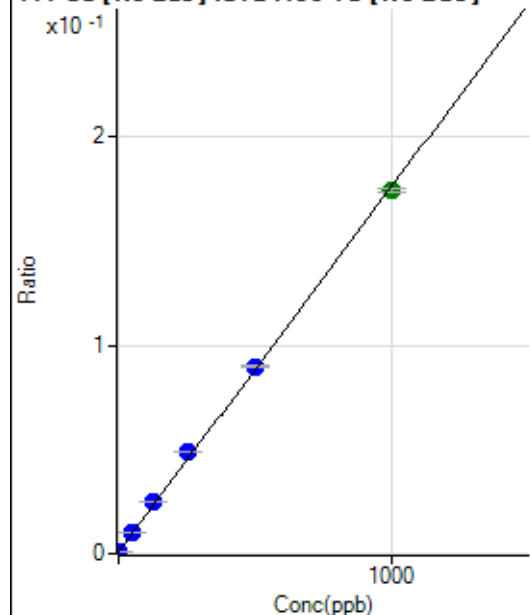
$$DL = 0.00686$$

$$BEC = 0.007307$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 11531.72   | 0.0008 | P   | 1.8 |
| 2 | <input type="checkbox"/> | 1.000    | 1.336      | 15062.62   | 0.0010 | P   | 0.6 |
| 3 | <input type="checkbox"/> | 50.000   | 55.151     | 157148.53  | 0.0105 | P   | 1.1 |
| 4 | <input type="checkbox"/> | 125.000  | 138.758    | 378678.91  | 0.0251 | P   | 1.0 |
| 5 | <input type="checkbox"/> | 250.000  | 273.841    | 723261.44  | 0.0488 | P   | 0.4 |
| 6 | <input type="checkbox"/> | 500.000  | 507.445    | 1302824.77 | 0.0898 | P   | 0.6 |
| 7 | <input type="checkbox"/> | 1000.000 | 988.339    | 2551030.02 | 0.1741 | A   | 1.2 |
| 8 | <input type="checkbox"/> |          |            | 10924.17   | 0.0008 | P   | 0.8 |

$$y = 1.7539\text{E-}004 * x + 7.8053\text{E-}004$$

$$R = 0.9996$$

$$DL = 0.2464$$

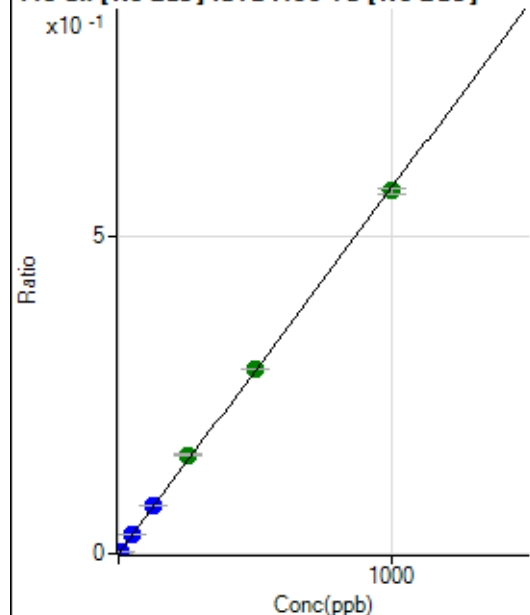
$$BEC = 4.45$$

Weight: &lt;None&gt;

Min Conc: 0



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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1312.30    | 0.0001 | P    | 17.7 |
| 2 | <input type="checkbox"/> | 5.000    | 5.708      | 50112.35   | 0.0034 | P    | 2.3  |
| 3 | <input type="checkbox"/> | 50.000   | 52.613     | 456896.81  | 0.0304 | P    | 1.4  |
| 4 | <input type="checkbox"/> | 125.000  | 133.201    | 1158037.34 | 0.0768 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 250.000  | 270.212    | 2307725.31 | 0.1557 | A    | 1.7  |
| 6 | <input type="checkbox"/> | 500.000  | 504.034    | 4214097.51 | 0.2904 | A    | 0.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 991.770    | 8370310.85 | 0.5713 | A    | 1.6  |
| 8 | <input type="checkbox"/> |          |            | 3030.36    | 0.0002 | P    | 5.7  |

$$y = 5.7600\text{E-}004 * x + 8.8905\text{E-}005$$

$$R = 0.9998$$

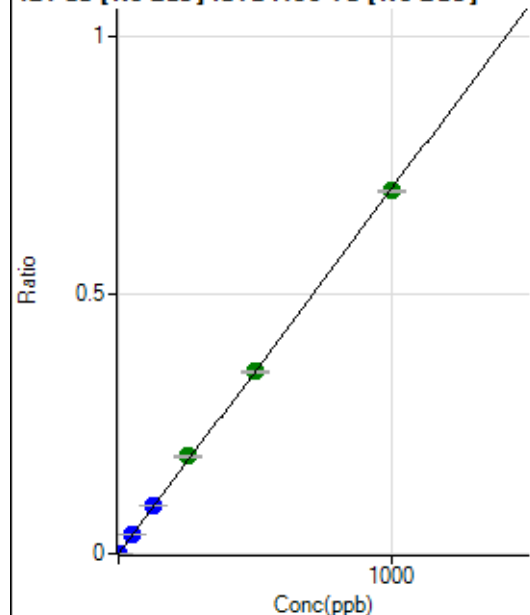
$$DL = 0.08179$$

$$BEC = 0.1544$$

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      | 224.45      | 0.0000 | P    | 19.7 |
| 2 | <input type="checkbox"/> | 2.000    | 2.176      | 22984.01    | 0.0015 | P    | 0.7  |
| 3 | <input type="checkbox"/> | 50.000   | 51.869     | 549706.20   | 0.0366 | P    | 0.6  |
| 4 | <input type="checkbox"/> | 125.000  | 131.925    | 1401802.15  | 0.0930 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 250.000  | 267.125    | 2789416.04  | 0.1883 | A    | 1.0  |
| 6 | <input type="checkbox"/> | 500.000  | 500.032    | 5113255.41  | 0.3524 | A    | 0.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 994.743    | 10269749.50 | 0.7010 | A    | 0.8  |
| 8 | <input type="checkbox"/> |          |            | 8513.70     | 0.0006 | P    | 3.6  |

$$y = 7.0468\text{E-}004 * x + 1.5208\text{E-}005$$

$$R = 0.9998$$

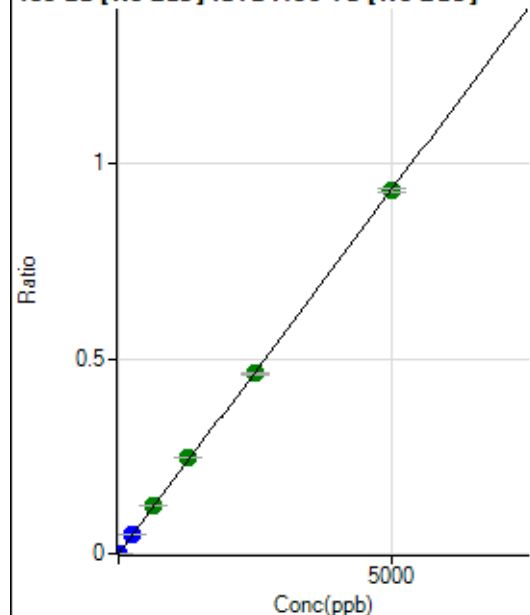
$$DL = 0.01278$$

$$BEC = 0.02158$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 87.78       | 0.0000 | P   | 16.6 |
| 2 | <input type="checkbox"/> | 10.000   | 10.768     | 29940.36    | 0.0020 | P   | 2.0  |
| 3 | <input type="checkbox"/> | 250.000  | 253.658    | 712427.24   | 0.0474 | P   | 0.6  |
| 4 | <input type="checkbox"/> | 625.000  | 653.424    | 1840286.94  | 0.1221 | A   | 1.0  |
| 5 | <input type="checkbox"/> | 1250.000 | 1321.133   | 3656981.65  | 0.2468 | A   | 0.2  |
| 6 | <input type="checkbox"/> | 2500.000 | 2482.626   | 6729374.90  | 0.4638 | A   | 1.0  |
| 7 | <input type="checkbox"/> | 5000.000 | 4987.166   | 13648386.18 | 0.9316 | A   | 1.2  |
| 8 | <input type="checkbox"/> |          |            | 6053.57     | 0.0004 | P   | 1.3  |

$$y = 1.8680\text{E-}004 * x + 5.9463\text{E-}006$$

$$R = 0.9999$$

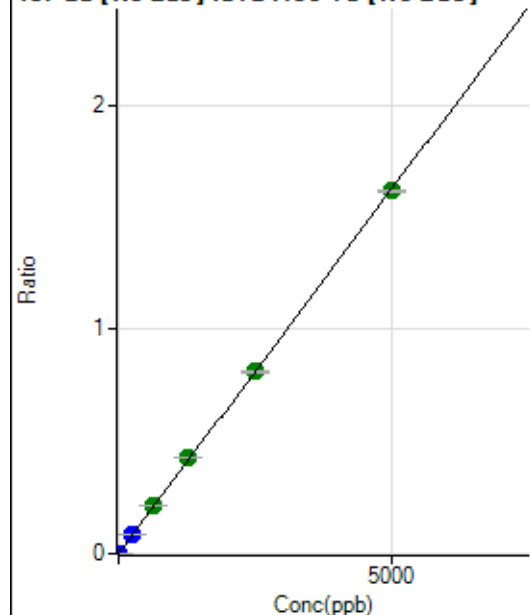
$$DL = 0.01586$$

$$BEC = 0.03183$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 140.01      | 0.0000 | P   | 21.5 |
| 2 | <input type="checkbox"/> | 10.000   | 10.695     | 51710.26    | 0.0035 | P   | 1.6  |
| 3 | <input type="checkbox"/> | 250.000  | 252.912    | 1235280.57  | 0.0822 | P   | 0.7  |
| 4 | <input type="checkbox"/> | 625.000  | 658.874    | 3227163.29  | 0.2141 | A   | 0.9  |
| 5 | <input type="checkbox"/> | 1250.000 | 1313.772   | 6323932.89  | 0.4268 | A   | 0.9  |
| 6 | <input type="checkbox"/> | 2500.000 | 2501.387   | 11791575.80 | 0.8126 | A   | 0.6  |
| 7 | <input type="checkbox"/> | 5000.000 | 4978.982   | 23696379.65 | 1.6175 | A   | 0.8  |
| 8 | <input type="checkbox"/> |          |            | 10611.84    | 0.0007 | P   | 3.5  |

$$y = 3.2486\text{E-}004 * x + 9.4743\text{E-}006$$

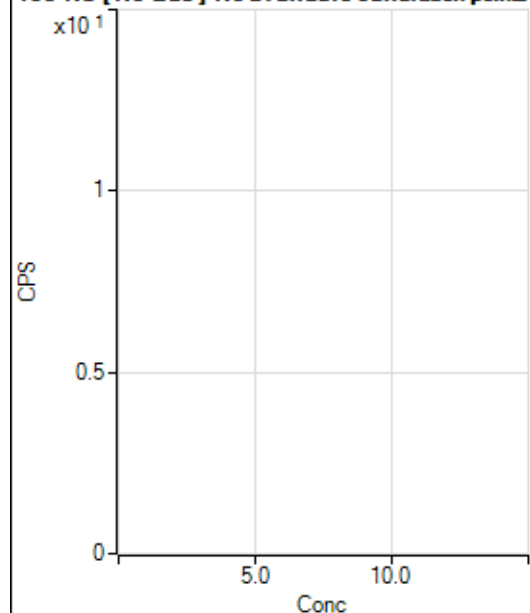
$$R = 0.9999$$

$$DL = 0.01885$$

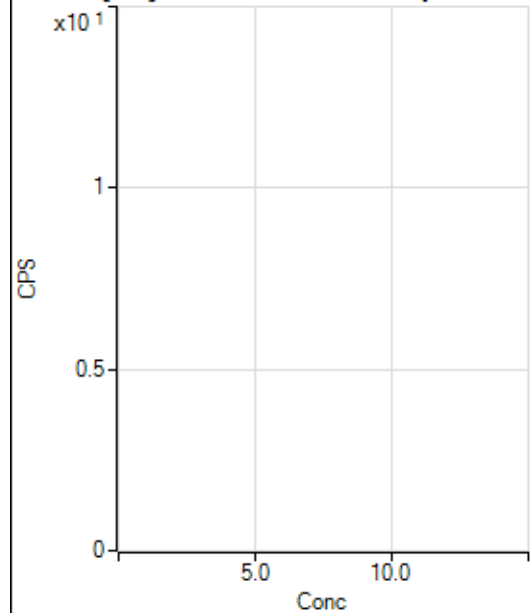
$$BEC = 0.02916$$

Weight: &lt;None&gt;

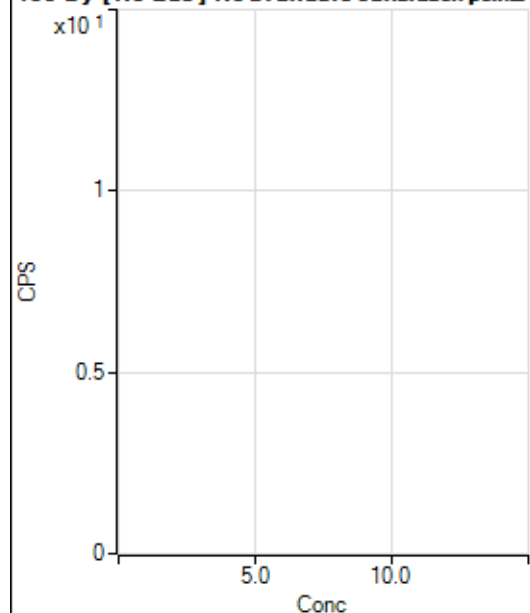
Min Conc: 0

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

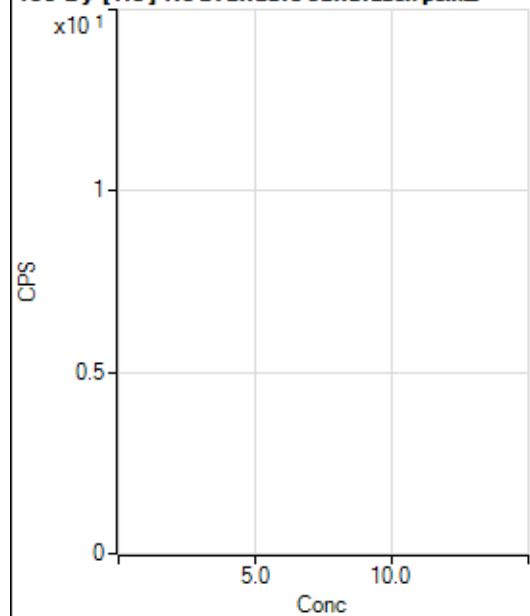
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 8.89   |       | P        | 114. |
| 2 | <input type="checkbox"/> |       |            | 12.22  |       | P        | 15.7 |
| 3 | <input type="checkbox"/> |       |            | 51.11  |       | P        | 30.1 |
| 4 | <input type="checkbox"/> |       |            | 138.89 |       | P        | 11.3 |
| 5 | <input type="checkbox"/> |       |            | 254.45 |       | P        | 15.4 |
| 6 | <input type="checkbox"/> |       |            | 475.57 |       | P        | 6.0  |
| 7 | <input type="checkbox"/> |       |            | 938.93 |       | P        | 11.5 |
| 8 | <input type="checkbox"/> |       |            | 228.89 |       | P        | 13.1 |

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

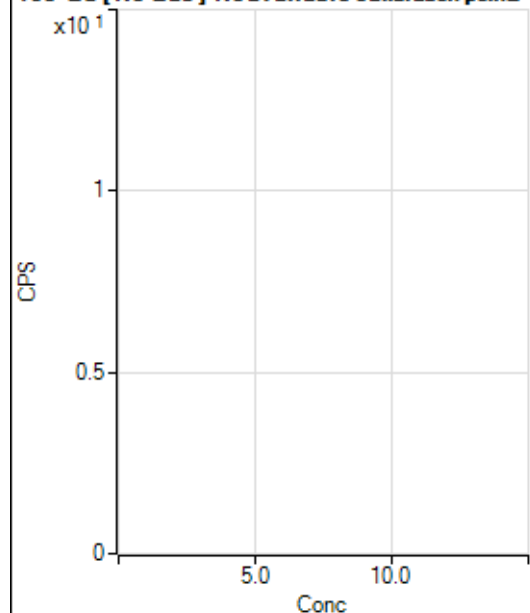
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 6.67   |       | P        | 132. |
| 2 | <input type="checkbox"/> |       |            | 6.67   |       | P        | 0.0  |
| 3 | <input type="checkbox"/> |       |            | 14.44  |       | P        | 35.3 |
| 4 | <input type="checkbox"/> |       |            | 47.78  |       | P        | 28.2 |
| 5 | <input type="checkbox"/> |       |            | 70.00  |       | P        | 12.6 |
| 6 | <input type="checkbox"/> |       |            | 138.89 |       | P        | 15.6 |
| 7 | <input type="checkbox"/> |       |            | 276.67 |       | P        | 6.0  |
| 8 | <input type="checkbox"/> |       |            | 152.22 |       | P        | 12.8 |

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

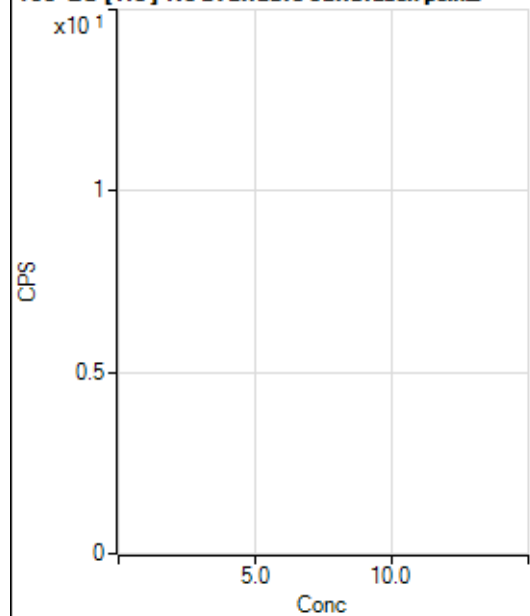
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 14.44  |       | P        | 35.3 |
| 2 | <input type="checkbox"/> |       |            | 12.22  |       | P        | 56.8 |
| 3 | <input type="checkbox"/> |       |            | 23.33  |       | P        | 37.8 |
| 4 | <input type="checkbox"/> |       |            | 63.34  |       | P        | 24.1 |
| 5 | <input type="checkbox"/> |       |            | 138.89 |       | P        | 10.0 |
| 6 | <input type="checkbox"/> |       |            | 225.56 |       | P        | 7.4  |
| 7 | <input type="checkbox"/> |       |            | 455.57 |       | P        | 12.6 |
| 8 | <input type="checkbox"/> |       |            | 436.68 |       | P        | 6.7  |

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

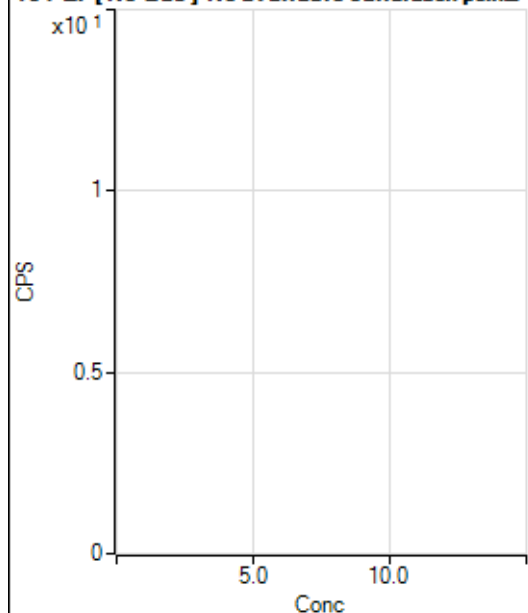
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 10.00  |       | P        | 33.3 |
| 2 | <input type="checkbox"/> |       |            | 14.44  |       | P        | 113. |
| 3 | <input type="checkbox"/> |       |            | 54.45  |       | P        | 7.1  |
| 4 | <input type="checkbox"/> |       |            | 137.78 |       | P        | 10.9 |
| 5 | <input type="checkbox"/> |       |            | 262.23 |       | P        | 11.8 |
| 6 | <input type="checkbox"/> |       |            | 477.79 |       | P        | 5.2  |
| 7 | <input type="checkbox"/> |       |            | 950.04 |       | P        | 1.5  |
| 8 | <input type="checkbox"/> |       |            | 360.01 |       | P        | 4.2  |

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

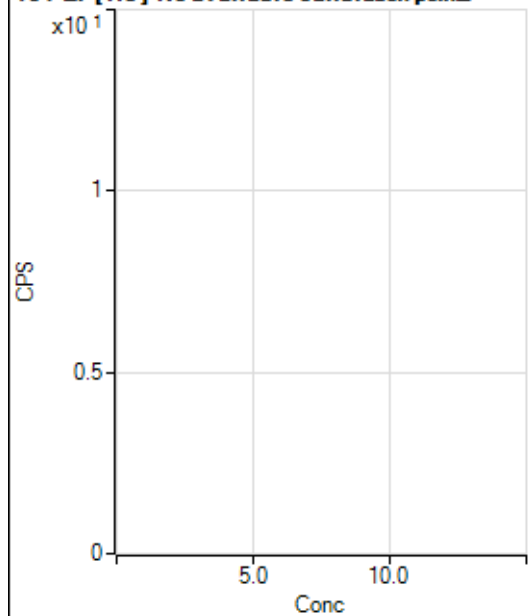
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 80.00  |       | P        | 11.0 |
| 2 | <input type="checkbox"/> |       |            | 106.67 |       | P        | 16.5 |
| 3 | <input type="checkbox"/> |       |            | 117.78 |       | P        | 17.3 |
| 4 | <input type="checkbox"/> |       |            | 118.89 |       | P        | 30.2 |
| 5 | <input type="checkbox"/> |       |            | 133.33 |       | P        | 8.7  |
| 6 | <input type="checkbox"/> |       |            | 177.78 |       | P        | 12.2 |
| 7 | <input type="checkbox"/> |       |            | 252.22 |       | P        | 2.8  |
| 8 | <input type="checkbox"/> |       |            | 491.12 |       | P        | 9.9  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|--------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 646.69 |       | P        | 3.1 |
| 2 | <input type="checkbox"/> |       |            | 612.24 |       | P        | 9.0 |
| 3 | <input type="checkbox"/> |       |            | 676.69 |       | P        | 6.0 |
| 4 | <input type="checkbox"/> |       |            | 693.36 |       | P        | 3.0 |
| 5 | <input type="checkbox"/> |       |            | 673.36 |       | P        | 4.4 |
| 6 | <input type="checkbox"/> |       |            | 664.47 |       | P        | 5.1 |
| 7 | <input type="checkbox"/> |       |            | 697.80 |       | P        | 8.4 |
| 8 | <input type="checkbox"/> |       |            | 896.70 |       | P        | 6.9 |

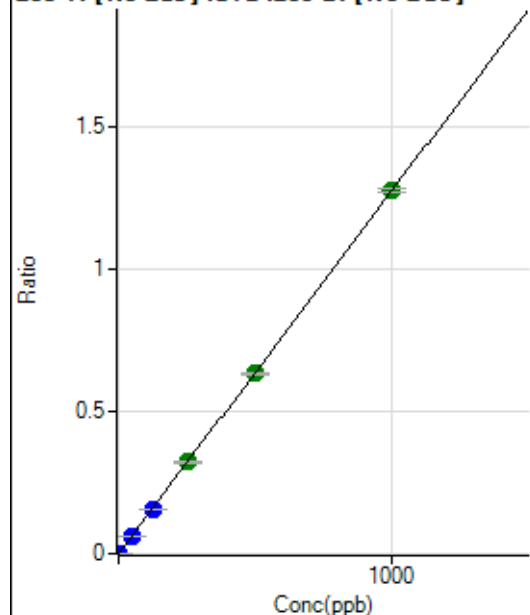
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 12.4 |
| 2 | <input type="checkbox"/> |       |            | 73.33  |       | P        | 22.7 |
| 3 | <input type="checkbox"/> |       |            | 82.22  |       | P        | 29.3 |
| 4 | <input type="checkbox"/> |       |            | 113.33 |       | P        | 19.3 |
| 5 | <input type="checkbox"/> |       |            | 136.67 |       | P        | 21.1 |
| 6 | <input type="checkbox"/> |       |            | 165.56 |       | P        | 19.9 |
| 7 | <input type="checkbox"/> |       |            | 281.12 |       | P        | 12.2 |
| 8 | <input type="checkbox"/> |       |            | 517.79 |       | P        | 7.7  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 43.33  |       | P        | 7.7  |
| 2 | <input type="checkbox"/> |       |            | 44.44  |       | P        | 4.3  |
| 3 | <input type="checkbox"/> |       |            | 56.67  |       | P        | 11.8 |
| 4 | <input type="checkbox"/> |       |            | 85.55  |       | P        | 19.6 |
| 5 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 15.0 |
| 6 | <input type="checkbox"/> |       |            | 144.45 |       | P        | 5.8  |
| 7 | <input type="checkbox"/> |       |            | 220.00 |       | P        | 11.8 |
| 8 | <input type="checkbox"/> |       |            | 371.12 |       | P        | 7.5  |

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 300.00      | 0.0000 | P   | 8.5 |
| 2 | <input type="checkbox"/> | 1.000    | 1.004      | 11860.81    | 0.0013 | P   | 1.3 |
| 3 | <input type="checkbox"/> | 50.000   | 47.713     | 558100.19   | 0.0606 | P   | 1.3 |
| 4 | <input type="checkbox"/> | 125.000  | 123.279    | 1446029.08  | 0.1566 | P   | 0.5 |
| 5 | <input type="checkbox"/> | 250.000  | 252.878    | 2991619.57  | 0.3213 | A   | 3.2 |
| 6 | <input type="checkbox"/> | 500.000  | 496.660    | 5795970.95  | 0.6309 | A   | 1.7 |
| 7 | <input type="checkbox"/> | 1000.000 | 1001.280   | 11600728.99 | 1.2720 | A   | 1.2 |
| 8 | <input type="checkbox"/> |          |            | 2024.62     | 0.0002 | P   | 9.2 |

$$y = 0.0013 * x + 3.3576E-005$$

$$R = 1.0000$$

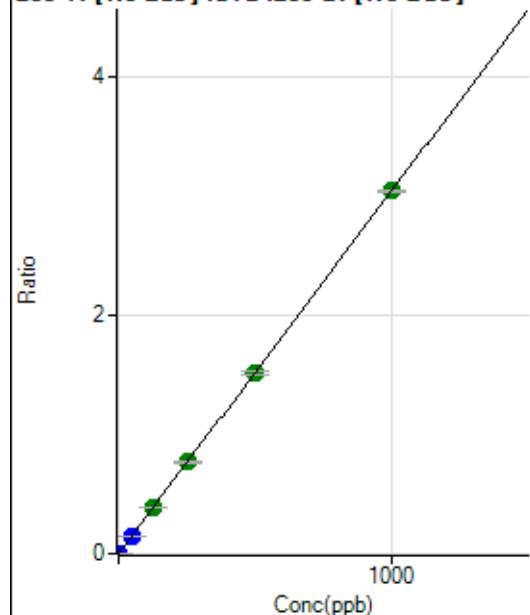
$$DL = 0.006717$$

$$BEC = 0.02643$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 805.59      | 0.0001 | P   | 12.5 |
| 2 | <input type="checkbox"/> | 1.000    | 0.981      | 27821.81    | 0.0031 | P   | 3.6  |
| 3 | <input type="checkbox"/> | 50.000   | 47.553     | 1331464.47  | 0.1447 | P   | 1.1  |
| 4 | <input type="checkbox"/> | 125.000  | 126.577    | 3553744.43  | 0.3850 | A   | 1.3  |
| 5 | <input type="checkbox"/> | 250.000  | 253.358    | 7175543.71  | 0.7704 | A   | 1.9  |
| 6 | <input type="checkbox"/> | 500.000  | 497.665    | 13900631.60 | 1.5133 | A   | 1.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.253   | 27738287.09 | 3.0414 | A   | 0.7  |
| 8 | <input type="checkbox"/> |          |            | 4804.22     | 0.0006 | P   | 6.4  |

$$y = 0.0030 * x + 9.0237E-005$$

$$R = 1.0000$$

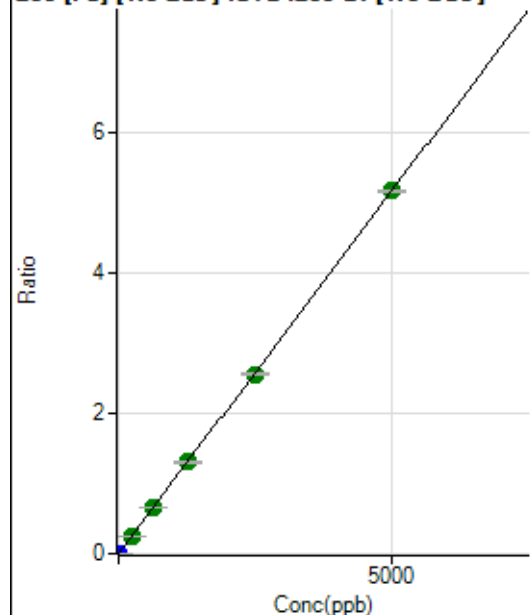
$$DL = 0.01113$$

$$BEC = 0.02968$$

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      | 773.36      | 0.0001 | P        | 5.0 |
| 2 | <input type="checkbox"/> | 1.000    | 0.998      | 10112.73    | 0.0011 | P        | 2.8 |
| 3 | <input type="checkbox"/> | 250.000  | 245.352    | 2331531.40  | 0.2534 | A        | 1.8 |
| 4 | <input type="checkbox"/> | 625.000  | 632.144    | 6025055.95  | 0.6526 | A        | 0.8 |
| 5 | <input type="checkbox"/> | 1250.000 | 1267.843   | 12189497.32 | 1.3089 | A        | 2.4 |
| 6 | <input type="checkbox"/> | 2500.000 | 2477.059   | 23491065.48 | 2.5571 | A        | 1.5 |
| 7 | <input type="checkbox"/> | 5000.000 | 5006.349   | 47134964.30 | 5.1681 | A        | 0.6 |
| 8 | <input type="checkbox"/> |          |            | 14627.95    | 0.0018 | P        | 2.7 |

$$y = 0.0010 * x + 8.6570E-005$$

$$R = 1.0000$$

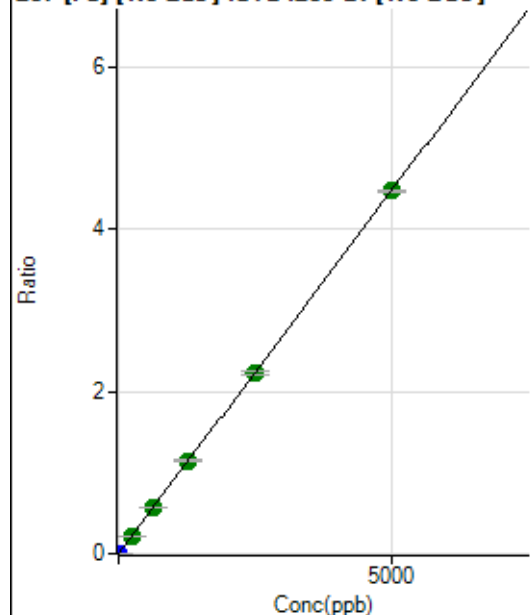
$$DL = 0.01254$$

$$BEC = 0.08386$$

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      | 608.91      | 0.0001 | P        | 4.4 |
| 2 | <input type="checkbox"/> | 1.000    | 0.991      | 8652.83     | 0.0010 | P        | 1.6 |
| 3 | <input type="checkbox"/> | 250.000  | 243.485    | 2007450.63  | 0.2181 | A        | 0.6 |
| 4 | <input type="checkbox"/> | 625.000  | 634.542    | 5246363.29  | 0.5683 | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1250.000 | 1278.268   | 10662176.65 | 1.1448 | A        | 1.6 |
| 6 | <input type="checkbox"/> | 2500.000 | 2490.122   | 20487582.89 | 2.2300 | A        | 1.1 |
| 7 | <input type="checkbox"/> | 5000.000 | 4997.005   | 40813187.45 | 4.4749 | A        | 0.3 |
| 8 | <input type="checkbox"/> |          |            | 12782.78    | 0.0016 | P        | 4.2 |

$$y = 8.9551E-004 * x + 6.8117E-005$$

$$R = 1.0000$$

$$DL = 0.009994$$

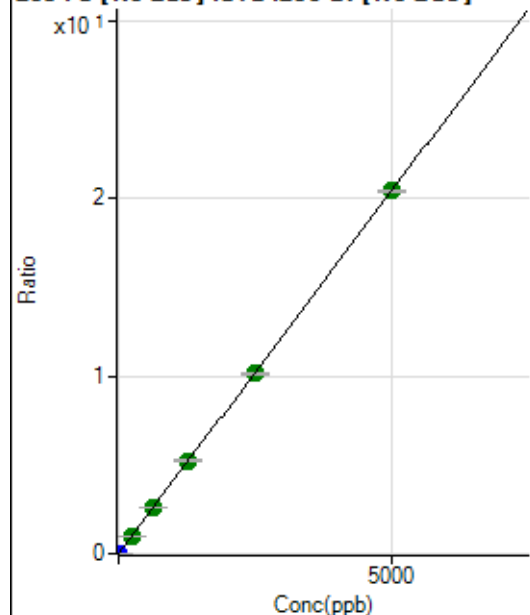
$$BEC = 0.07607$$

Weight: &lt;None&gt;

Min Conc: 0



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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio   | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|---------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2940.15     | 0.0003  | P        | 4.8 |
| 2 | <input type="checkbox"/> | 1.000    | 0.995      | 39769.63    | 0.0044  | P        | 1.5 |
| 3 | <input type="checkbox"/> | 250.000  | 244.598    | 9193133.00  | 0.9989  | A        | 0.9 |
| 4 | <input type="checkbox"/> | 625.000  | 633.876    | 23892524.89 | 2.5881  | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1250.000 | 1276.767   | 48548451.08 | 5.2127  | A        | 1.9 |
| 6 | <input type="checkbox"/> | 2500.000 | 2482.977   | 93129573.19 | 10.1370 | A        | 1.0 |
| 7 | <input type="checkbox"/> | 5000.000 | 5000.981   | 186208045.8 | 20.4167 | A        | 0.3 |
| 8 | <input type="checkbox"/> |          |            | 57724.58    | 0.0070  | P        | 3.8 |

$$y = 0.0041 * x + 3.2914E-004$$

$$R = 1.0000$$

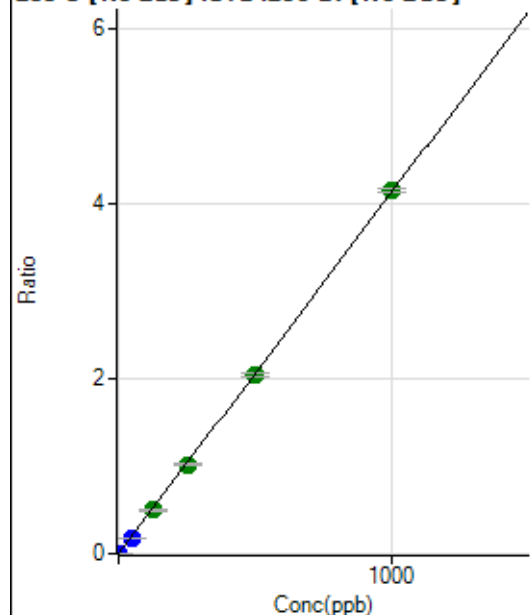
$$DL = 0.01166$$

$$BEC = 0.08062$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 445.57      | 0.0000 | P        | 10.9 |
| 2 | <input type="checkbox"/> | 1.000    | 0.892      | 33763.97    | 0.0037 | P        | 1.1  |
| 3 | <input type="checkbox"/> | 50.000   | 44.151     | 1675062.29  | 0.1820 | P        | 1.2  |
| 4 | <input type="checkbox"/> | 125.000  | 120.454    | 4583485.00  | 0.4965 | A        | 1.1  |
| 5 | <input type="checkbox"/> | 250.000  | 245.750    | 9434141.18  | 1.0129 | A        | 1.7  |
| 6 | <input type="checkbox"/> | 500.000  | 494.459    | 18720901.67 | 2.0379 | A        | 1.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 1004.694   | 37764450.55 | 4.1408 | A        | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 3587.19     | 0.0004 | P        | 15.4 |

$$y = 0.0041 * x + 4.9901E-005$$

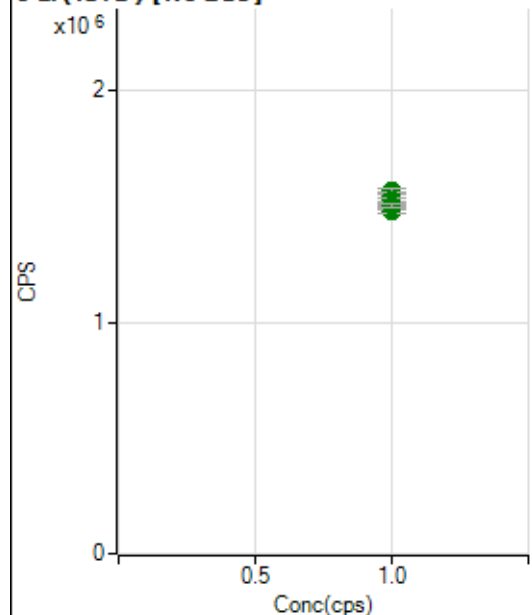
$$R = 1.0000$$

$$DL = 0.003946$$

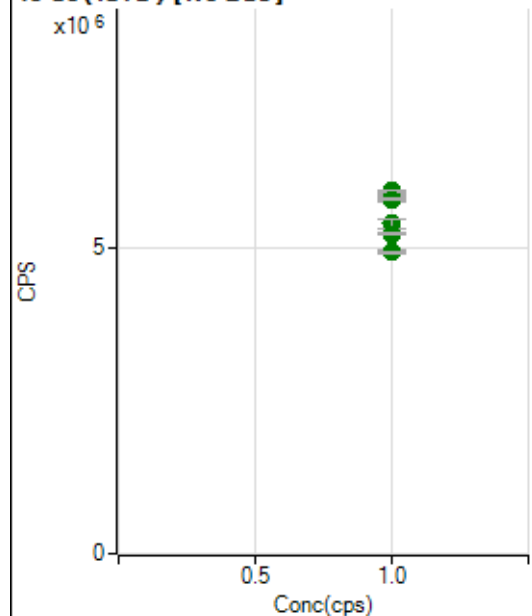
$$BEC = 0.01211$$

Weight: &lt;None&gt;

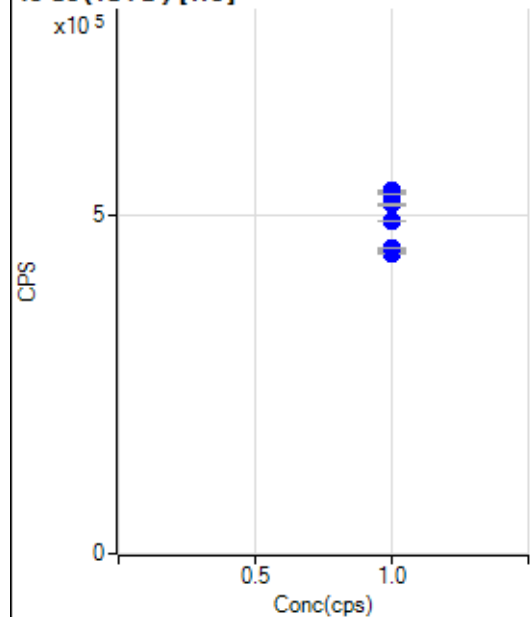
Min Conc: 0

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

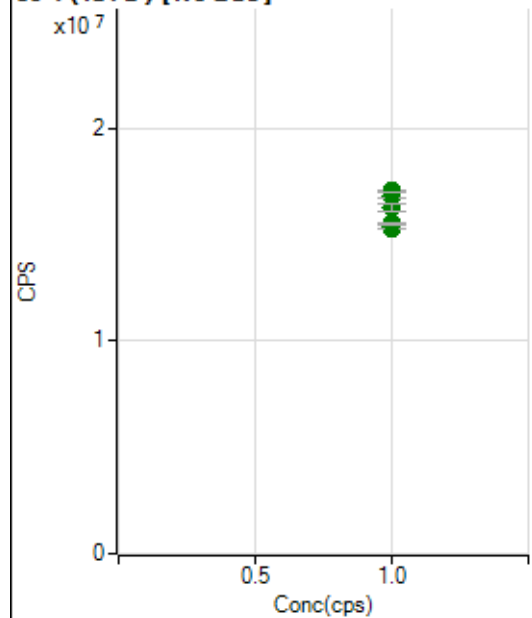
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1487296.04 |       | A        | 2.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1477542.70 |       | A        | 1.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1513138.23 |       | A        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1544815.91 |       | A        | 1.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1566290.38 |       | A        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1525327.17 |       | A        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1503595.57 |       | A        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1503852.72 |       | A        | 1.2 |

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

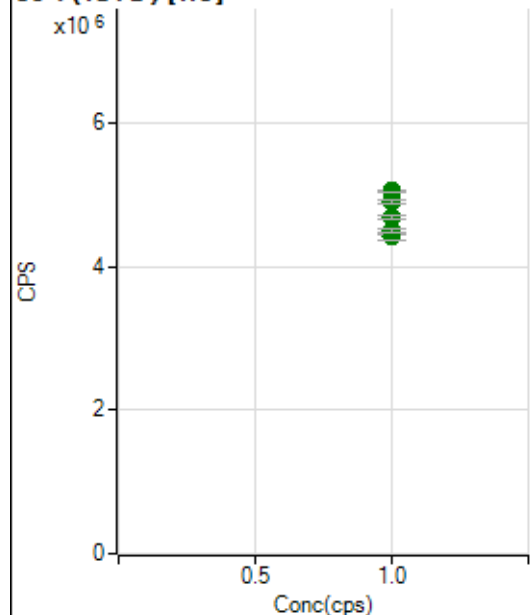
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5791939.43 |       | A        | 1.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 5852325.68 |       | A        | 0.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 5923451.51 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5784918.39 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5388751.86 |       | A        | 2.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4943270.27 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4913756.73 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5221261.38 |       | A        | 0.7 |

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

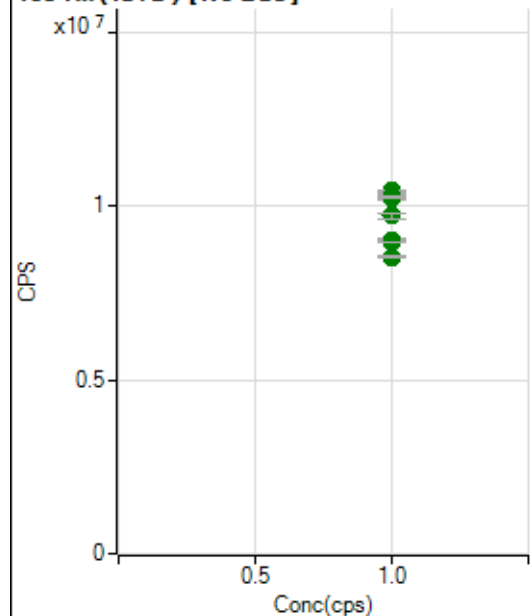
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 533525.70 |       | P        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 535580.02 |       | P        | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 530886.31 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 515317.36 |       | P        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 446712.10 |       | P        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 443595.32 |       | P        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 451630.85 |       | P        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 491186.35 |       | P        | 0.5 |

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

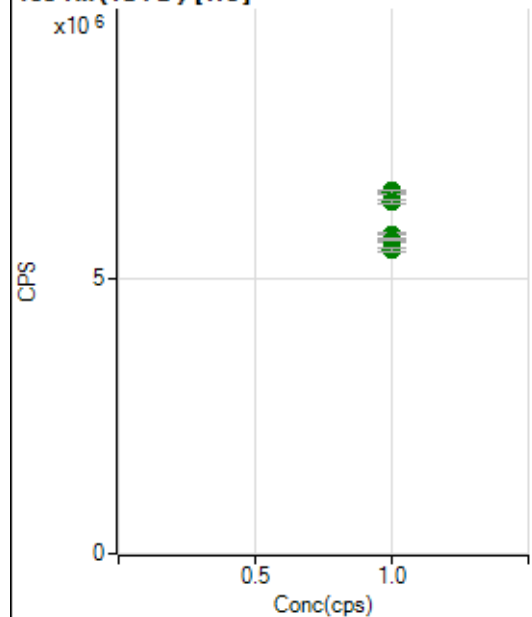
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 16839150.58 |       | A        | 1.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 17026846.55 |       | A        | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 17054065.44 |       | A        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 16973973.64 |       | A        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 16284062.12 |       | A        | 1.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 15293797.13 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 15395081.44 |       | A        | 1.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 15511868.94 |       | A        | 0.3 |

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

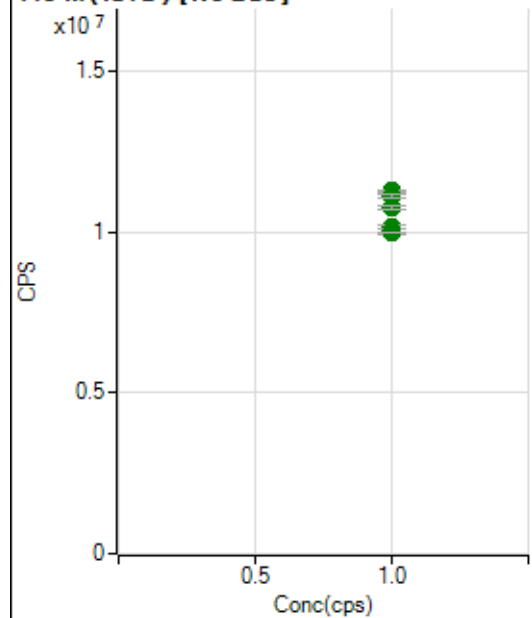
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5042914.96 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 5053467.81 |       | A        | 0.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 5040534.82 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4913091.28 |       | A        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4450331.81 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4410582.12 |       | A        | 1.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4499379.10 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4676815.49 |       | A        | 1.2 |

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

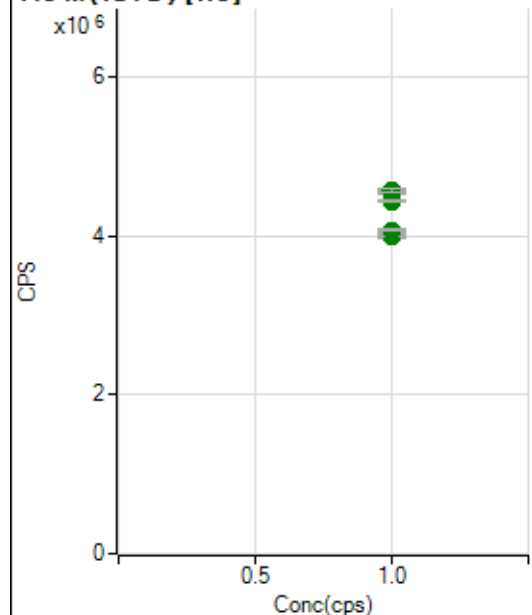
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10310201.93 |       | A        | 2.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 10451649.78 |       | A        | 0.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 10302242.48 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10270509.43 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9735644.37  |       | A        | 1.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9051412.78  |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8970056.67  |       | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8558690.64  |       | A        | 0.6 |

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

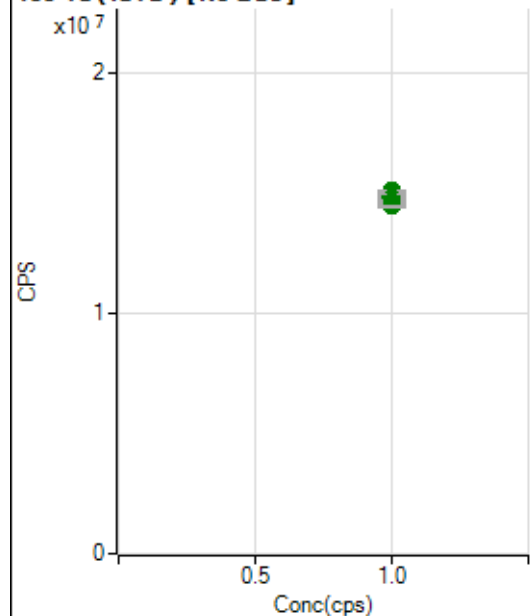
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6558280.04 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 6579784.21 |       | A        | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6554162.75 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6377332.47 |       | A        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5796177.83 |       | A        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5688311.17 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5696493.04 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5508445.61 |       | A        | 0.7 |

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

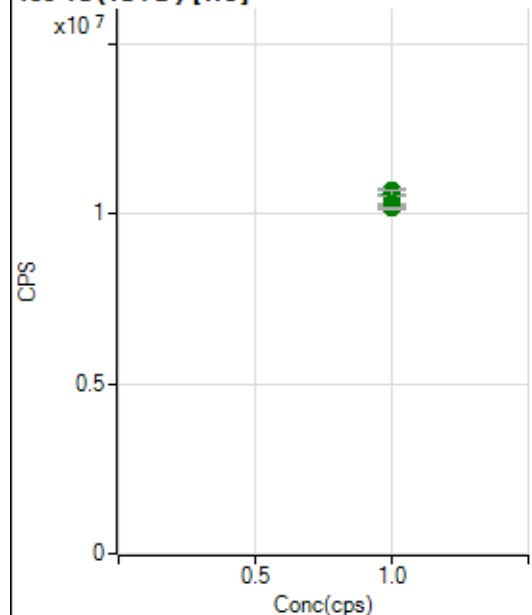
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11156068.62 |       | A        | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 11233521.75 |       | A        | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 11272027.61 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11124309.31 |       | A        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10746566.32 |       | A        | 1.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10153090.84 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10035777.28 |       | A        | 1.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9972764.79  |       | A        | 0.2 |

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

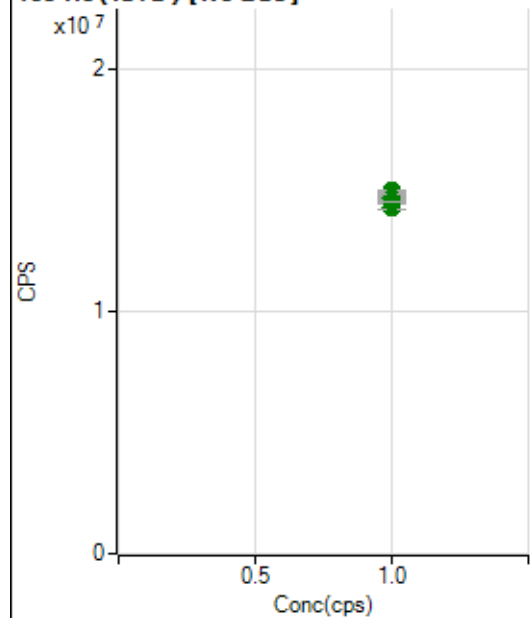
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4556782.44 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4545017.97 |       | A        | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4567167.61 |       | A        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4441632.46 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4055060.01 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3994136.52 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4009485.88 |       | A        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4075760.14 |       | A        | 0.9 |

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

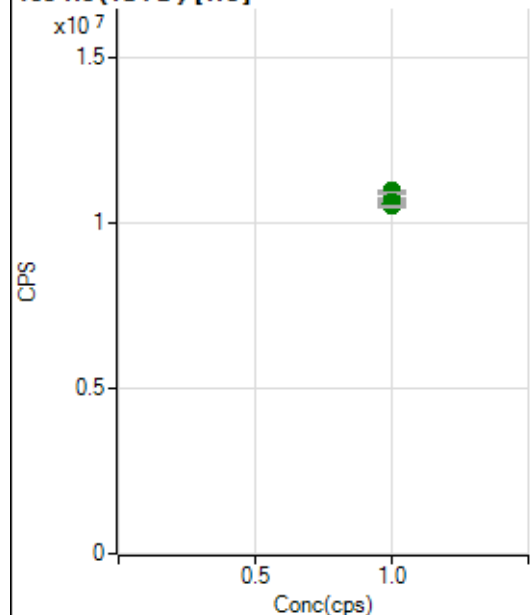
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 14773743.39 |       | A        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 14843218.39 |       | A        | 1.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 15033379.22 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 15076390.89 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 14818163.53 |       | A        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 14511159.65 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 14650147.00 |       | A        | 0.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 14449746.04 |       | A        | 0.4 |

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

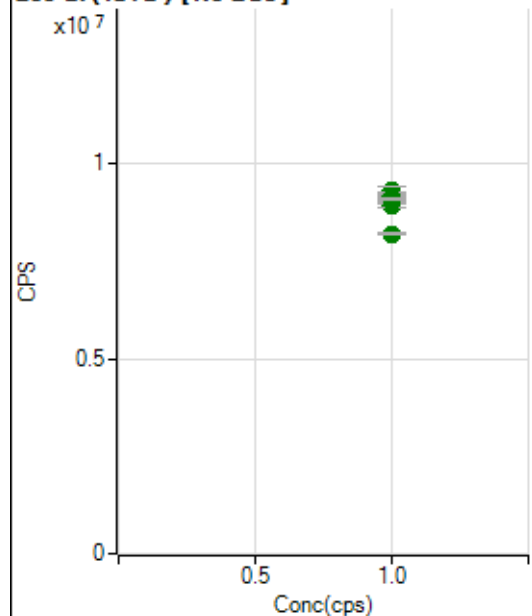
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10554933.46 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 10556291.65 |       | A        | 0.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 10669053.80 |       | A        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10598032.76 |       | A        | 1.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10195147.21 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10190985.06 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10287924.50 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10159170.61 |       | A        | 0.7 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 14345828.53 |       | A        | 1.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 14585094.64 |       | A        | 1.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 14917362.84 |       | A        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 15002472.97 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 14711660.34 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 14528534.78 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 14736118.11 |       | A        | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 14541758.26 |       | A        | 0.3 |

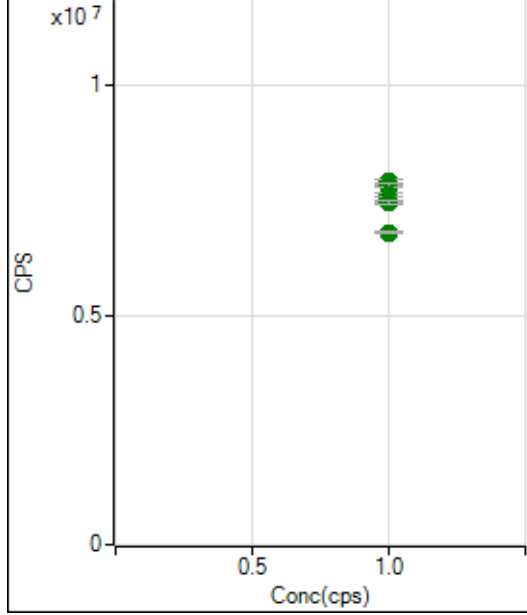
**165 Ho (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10749282.34 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 10895629.14 |       | A        | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 10968195.53 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10907848.45 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10540561.65 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10575847.34 |       | A        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10649201.65 |       | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10519814.57 |       | A        | 0.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8936180.07 |       | A        | 1.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 9058762.71 |       | A        | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 9204259.52 |       | A        | 1.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9231675.84 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9316186.39 |       | A        | 2.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9187644.52 |       | A        | 1.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9120484.17 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8211464.67 |       | A        | 0.5 |



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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7799498.08 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 7864355.30 |       | A        | 0.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 7908629.19 |       | A        | 1.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7845180.44 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7633071.35 |       | A        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7540568.98 |       | A        | 1.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7449724.54 |       | A        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6810248.23 |       | A        | 0.8 |