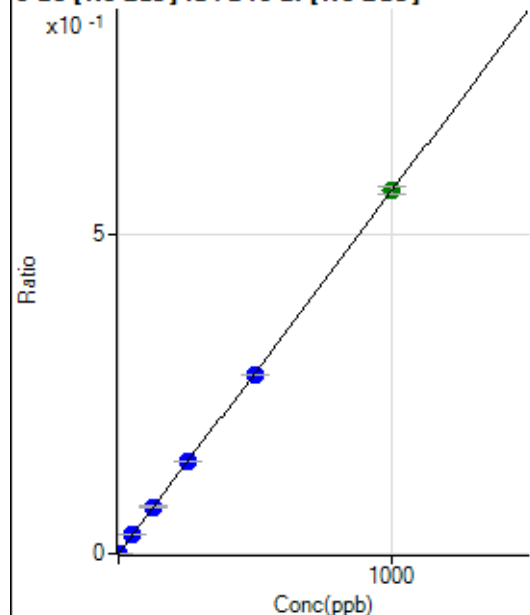


# Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8050923-MS.b\  
 Analysis File: P8050923-MS.batch.bin  
 DA Date-Time: 2023-05-11 11:43:56  
 Calibration Title:  
 Calibration Method: External Calibration  
 VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 004CALB.d          | S00         | 2023-05-09 13:34:41 |
| 2     | 005CALS.d          | S02         | 2023-05-09 13:37:42 |
| 3     | 006CALS.d          | S03         | 2023-05-09 13:40:46 |
| 4     | 007CALS.d          | S04         | 2023-05-09 13:43:45 |
| 5     | 008CALS.d          | S05         | 2023-05-09 13:46:46 |
| 6     | 009CALS.d          | S06         | 2023-05-09 13:49:45 |
| 7     | 010CALS.d          | S07         | 2023-05-09 13:52:46 |
| 8     | 011CALS.d          | S08         | 2023-05-09 13:55:44 |

**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      | 91.24      | 0.0000 | P    | 11.3 |
| 2 | <input type="checkbox"/> | 1.000    | 1.095      | 1998.22    | 0.0007 | P    | 3.6  |
| 3 | <input type="checkbox"/> | 50.000   | 51.868     | 90187.70   | 0.0295 | P    | 0.4  |
| 4 | <input type="checkbox"/> | 125.000  | 129.066    | 226588.85  | 0.0734 | P    | 1.4  |
| 5 | <input type="checkbox"/> | 250.000  | 254.629    | 440442.71  | 0.1448 | P    | 1.7  |
| 6 | <input type="checkbox"/> | 500.000  | 494.125    | 847004.52  | 0.2810 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 1001.179   | 1690290.94 | 0.5693 | A    | 2.1  |
| 8 | <input type="checkbox"/> |          |            | 884.09     | 0.0003 | P    | 2.9  |

$$y = 5.6862E-004 * x + 3.0164E-005$$

$$R = 1.0000$$

$$DL = 0.0179$$

$$BEC = 0.05305$$

Weight: &lt;None&gt;

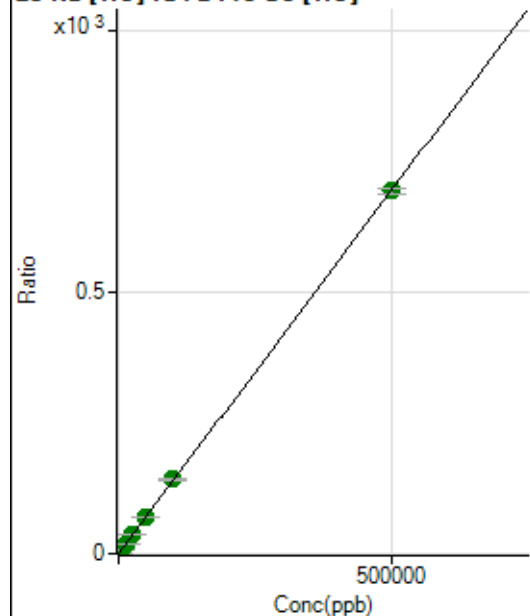
Min Conc: 0

**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"/> |       |            | 3491471.04 |       | A    | 1.2 |
| 2 | <input type="checkbox"/> |       |            | 3445986.84 |       | A    | 1.4 |
| 3 | <input type="checkbox"/> |       |            | 3722460.15 |       | A    | 0.4 |
| 4 | <input type="checkbox"/> |       |            | 3758690.19 |       | A    | 1.8 |
| 5 | <input type="checkbox"/> |       |            | 3851168.88 |       | A    | 3.6 |
| 6 | <input type="checkbox"/> |       |            | 4140754.48 |       | A    | 2.0 |
| 7 | <input type="checkbox"/> |       |            | 4633802.92 |       | A    | 4.2 |
| 8 | <input type="checkbox"/> |       |            | 4032706.99 |       | A    | 2.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 43010.79 |       | P        | 1.7 |
| 2 | <input type="checkbox"/> |       |            | 41701.27 |       | P        | 1.7 |
| 3 | <input type="checkbox"/> |       |            | 46571.46 |       | P        | 1.3 |
| 4 | <input type="checkbox"/> |       |            | 48204.58 |       | P        | 0.8 |
| 5 | <input type="checkbox"/> |       |            | 49951.89 |       | P        | 1.1 |
| 6 | <input type="checkbox"/> |       |            | 53879.99 |       | P        | 2.3 |
| 7 | <input type="checkbox"/> |       |            | 63565.95 |       | P        | 0.7 |
| 8 | <input type="checkbox"/> |       |            | 56868.88 |       | P        | 1.3 |

**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      | 20481.43    | 0.1095   | P        | 2.3 |
| 2 | <input type="checkbox"/> | 500.000   | 544.545    | 153354.96   | 0.8660   | P        | 8.0 |
| 3 | <input type="checkbox"/> | 5000.000  | 5312.949   | 1415882.94  | 7.4907   | A        | 5.3 |
| 4 | <input type="checkbox"/> | 12500.000 | 13471.215  | 3435630.11  | 18.8249  | A        | 1.7 |
| 5 | <input type="checkbox"/> | 25000.000 | 26423.900  | 6609923.80  | 36.8199  | A        | 0.9 |
| 6 | <input type="checkbox"/> | 50000.000 | 51179.950  | 12785133.53 | 71.2131  | A        | 0.5 |
| 7 | <input type="checkbox"/> | 100000.00 | 102721.46  | 25797403.53 | 142.8191 | A        | 2.1 |
| 8 | <input type="checkbox"/> | 500000.00 | 499239.06  | 126450398.6 | 693.6959 | A        | 1.5 |

$$y = 0.0014 * x + 0.1095$$

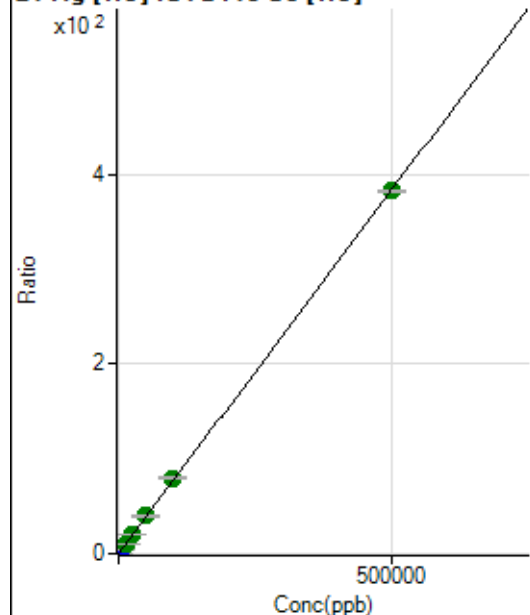
$$R = 1.0000$$

$$DL = 5.362$$

$$BEC = 78.81$$

Weight: <None>

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 366.68      | 0.0020   | P        | 2.4 |
| 2 | <input type="checkbox"/> | 500.000   | 549.487    | 74901.21    | 0.4230   | P        | 8.0 |
| 3 | <input type="checkbox"/> | 5000.000  | 5228.855   | 757687.15   | 4.0083   | P        | 5.1 |
| 4 | <input type="checkbox"/> | 12500.000 | 13809.474  | 1931281.21  | 10.5828  | A        | 2.2 |
| 5 | <input type="checkbox"/> | 25000.000 | 27070.610  | 3723648.43  | 20.7435  | A        | 2.6 |
| 6 | <input type="checkbox"/> | 50000.000 | 51831.254  | 7130045.30  | 39.7152  | A        | 2.1 |
| 7 | <input type="checkbox"/> | 100000.00 | 103626.49  | 14341666.12 | 79.4009  | A        | 2.6 |
| 8 | <input type="checkbox"/> | 500000.00 | 498952.97  | 69689875.17 | 382.3013 | A        | 0.9 |

$$y = 7.6620\text{E-}004 * x + 0.0020$$

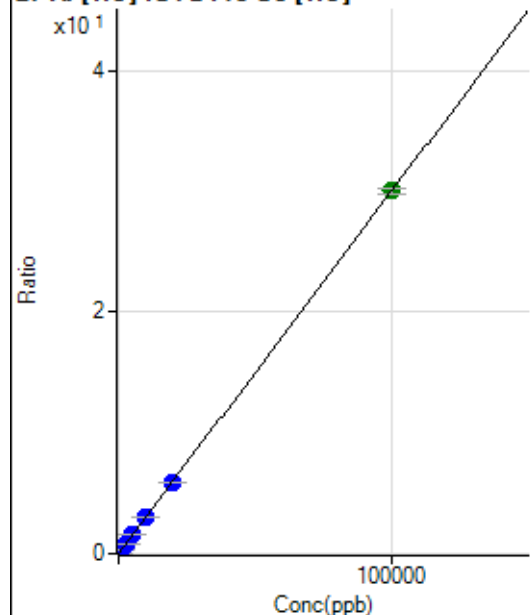
$$R = 1.0000$$

$$DL = 0.185$$

$$BEC = 2.558$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 58.33      | 0.0003  | P        | 25.8 |
| 2 | <input type="checkbox"/> | 20.000    | 21.268     | 1185.74    | 0.0067  | P        | 5.3  |
| 3 | <input type="checkbox"/> | 1000.000  | 991.256    | 56213.48   | 0.2975  | P        | 5.9  |
| 4 | <input type="checkbox"/> | 2500.000  | 2563.417   | 140308.76  | 0.7687  | P        | 1.0  |
| 5 | <input type="checkbox"/> | 5000.000  | 5077.092   | 273270.78  | 1.5223  | P        | 1.4  |
| 6 | <input type="checkbox"/> | 10000.000 | 9856.216   | 530503.37  | 2.9549  | P        | 0.3  |
| 7 | <input type="checkbox"/> | 20000.000 | 19487.690  | 1055353.54 | 5.8421  | P        | 1.1  |
| 8 | <input type="checkbox"/> | 100000.00 | 100111.48  | 5470643.99 | 30.0105 | A        | 1.5  |

$$y = 2.9977\text{E-}004 * x + 3.1172\text{E-}004$$

$$R = 1.0000$$

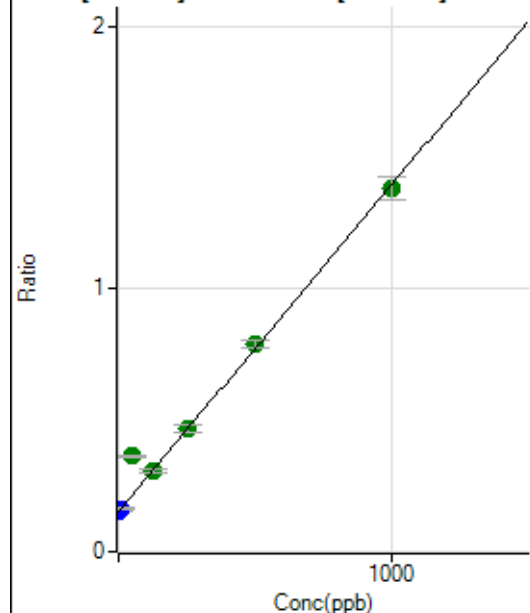
$$DL = 0.8051$$

$$BEC = 1.04$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 768127.10  | 0.1523 | P   | 1.3  |
| 2 | <input type="checkbox"/> | 10.000   | 9.132      | 814573.51  | 0.1637 | P   | 1.7  |
| 3 | <input type="checkbox"/> | 50.000   | 170.260    | 1828837.28 | 0.3642 | A   | 1.8  |
| 4 | <input type="checkbox"/> | 125.000  | 124.421    | 1531394.10 | 0.3072 | A   | 3.6  |
| 5 | <input type="checkbox"/> | 250.000  | 253.314    | 2276486.66 | 0.4675 | A   | 6.1  |
| 6 | <input type="checkbox"/> | 500.000  | 511.539    | 3874204.51 | 0.7889 | A   | 4.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 987.470    | 6857267.73 | 1.3811 | A   | 6.5  |
| 8 | <input type="checkbox"/> |          |            | 2726476.10 | 0.5657 | A   | 13.6 |

$$y = 0.0012 * x + 0.1523$$

$$R = 0.9924$$

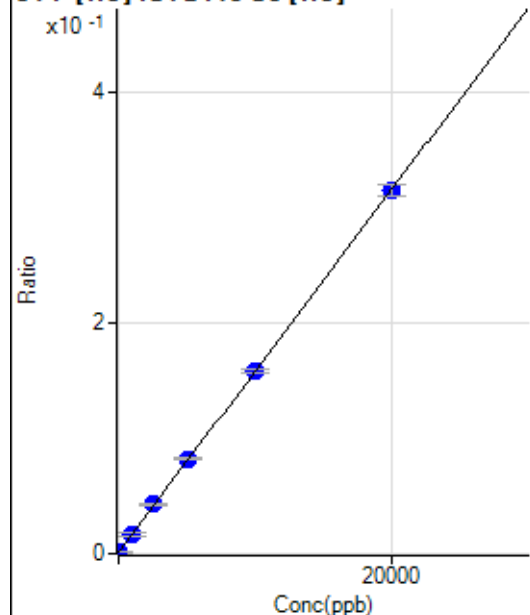
$$DL = 4.661$$

$$BEC = 122.4$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | -20.358    | 144.45   | 0.0008 | P   | 23.3 |
| 2 | <input type="checkbox"/> | 0.000     | 20.358     | 247.23   | 0.0014 | P   | 33.5 |
| 3 | <input type="checkbox"/> | 1000.000  | 985.234    | 3125.42  | 0.0166 | P   | 16.6 |
| 4 | <input type="checkbox"/> | 2500.000  | 2655.406   | 7827.28  | 0.0429 | P   | 3.0  |
| 5 | <input type="checkbox"/> | 5000.000  | 5178.592   | 14830.10 | 0.0826 | P   | 0.5  |
| 6 | <input type="checkbox"/> | 10000.000 | 10001.308  | 28456.25 | 0.1585 | P   | 1.8  |
| 7 | <input type="checkbox"/> | 20000.000 | 19936.011  | 56867.75 | 0.3149 | P   | 3.3  |
| 8 | <input type="checkbox"/> |           |            | 186.11   | 0.0010 | P   | 26.9 |

$$y = 1.5739E-005 * x + 0.0011$$

$$R = 0.9999$$

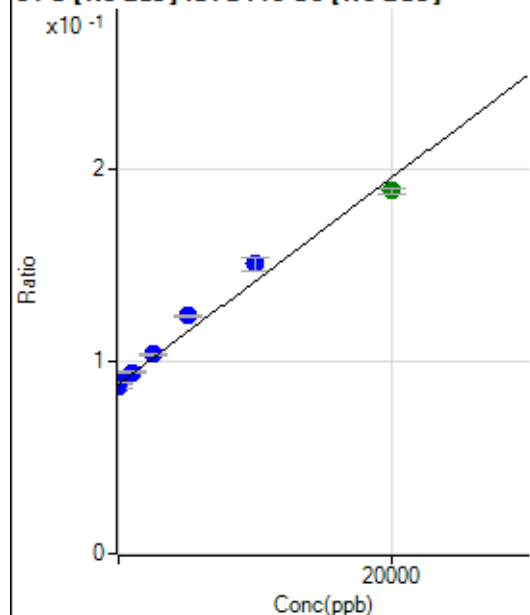
$$DL = 62.28$$

$$BEC = 69.41$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-----------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | -189.029   | 439830.58 | 0.0872 | P        | 1.9 |
| 2 | <input type="checkbox"/> | 0.000     | 189.029    | 444224.66 | 0.0893 | P        | 0.5 |
| 3 | <input type="checkbox"/> | 1000.000  | 1150.672   | 474214.64 | 0.0944 | P        | 1.4 |
| 4 | <input type="checkbox"/> | 2500.000  | 2889.715   | 517364.39 | 0.1038 | P        | 0.9 |
| 5 | <input type="checkbox"/> | 5000.000  | 6611.983   | 602724.38 | 0.1238 | P        | 0.7 |
| 6 | <input type="checkbox"/> | 10000.000 | 11636.907  | 738935.75 | 0.1508 | P        | 4.2 |
| 7 | <input type="checkbox"/> | 20000.000 | 18722.303  | 937142.39 | 0.1888 | A        | 1.7 |
| 8 | <input type="checkbox"/> |           |            | 400839.93 | 0.0831 | P        | 4.6 |

$$y = 5.3723E-006 * x + 0.0882$$

$$R = 0.9905$$

$$DL = 579.3$$

$$BEC = 1.643E+04$$

Weight: &lt;None&gt;

Min Conc: 0

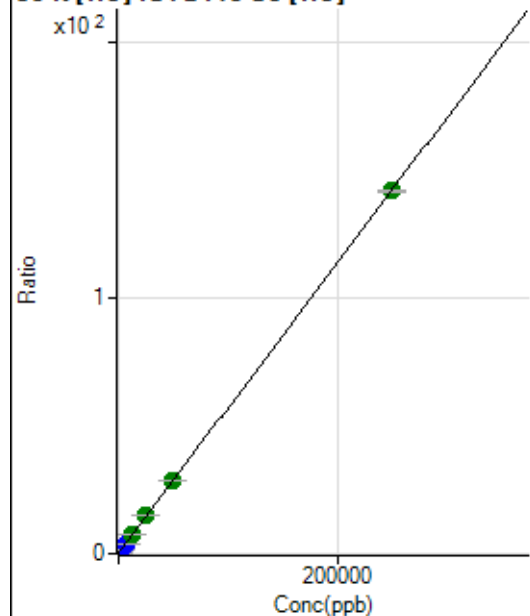
35 Cl [No Gas] No available calibration points



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 115060.34 |       | P        | 1.9 |
| 2 | <input type="checkbox"/> |       |            | 120897.08 |       | P        | 0.8 |
| 3 | <input type="checkbox"/> |       |            | 120112.54 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> |       |            | 140917.22 |       | P        | 1.1 |
| 5 | <input type="checkbox"/> |       |            | 141525.63 |       | P        | 2.4 |
| 6 | <input type="checkbox"/> |       |            | 121434.09 |       | P        | 0.7 |
| 7 | <input type="checkbox"/> |       |            | 131470.66 |       | P        | 1.2 |
| 8 | <input type="checkbox"/> |       |            | 136071.77 |       | P        | 1.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|---------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 794.49  |       | P        | 4.2  |
| 2 | <input type="checkbox"/> |       |            | 775.04  |       | P        | 4.7  |
| 3 | <input type="checkbox"/> |       |            | 819.49  |       | P        | 1.6  |
| 4 | <input type="checkbox"/> |       |            | 1008.39 |       | P        | 7.2  |
| 5 | <input type="checkbox"/> |       |            | 1108.40 |       | P        | 9.4  |
| 6 | <input type="checkbox"/> |       |            | 800.04  |       | P        | 8.5  |
| 7 | <input type="checkbox"/> |       |            | 991.73  |       | P        | 13.1 |
| 8 | <input type="checkbox"/> |       |            | 1072.29 |       | P        | 12.1 |

**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      | 32022.23    | 0.1712   | P        | 0.4 |
| 2 | <input type="checkbox"/> | 500.000   | 537.311    | 84223.21    | 0.4754   | P        | 7.2 |
| 3 | <input type="checkbox"/> | 2500.000  | 2449.800   | 294444.97   | 1.5584   | P        | 6.6 |
| 4 | <input type="checkbox"/> | 6250.000  | 6367.711   | 689342.62   | 3.7769   | P        | 0.4 |
| 5 | <input type="checkbox"/> | 12500.000 | 12999.915  | 1352117.44  | 7.5324   | A        | 2.3 |
| 6 | <input type="checkbox"/> | 25000.000 | 25703.535  | 2643840.66  | 14.7259  | A        | 0.7 |
| 7 | <input type="checkbox"/> | 50000.000 | 49844.127  | 5130227.72  | 28.3957  | A        | 0.8 |
| 8 | <input type="checkbox"/> | 250000.00 | 249933.31  | 25830539.99 | 141.6973 | A        | 0.5 |

$$y = 5.6626E-004 * x + 0.1712$$

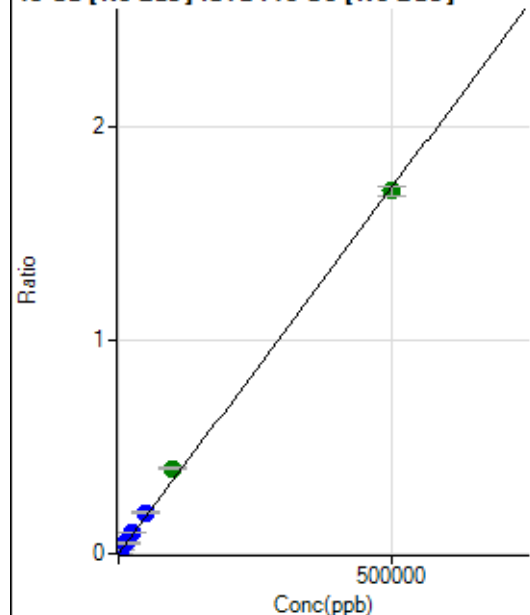
$$R = 1.0000$$

$$DL = 3.827$$

$$BEC = 302.3$$

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      | 104.16     | 0.0000 | P    | 7.7 |
| 2 | <input type="checkbox"/> | 500.000   | 517.401    | 8926.24    | 0.0018 | P    | 1.2 |
| 3 | <input type="checkbox"/> | 5000.000  | 5734.225   | 98793.26   | 0.0197 | P    | 0.9 |
| 4 | <input type="checkbox"/> | 12500.000 | 14479.844  | 247500.23  | 0.0496 | P    | 0.8 |
| 5 | <input type="checkbox"/> | 25000.000 | 28907.980  | 482525.30  | 0.0991 | P    | 1.2 |
| 6 | <input type="checkbox"/> | 50000.000 | 56171.629  | 944011.71  | 0.1925 | P    | 2.5 |
| 7 | <input type="checkbox"/> | 100000.00 | 116766.72  | 1986064.03 | 0.4002 | A    | 1.1 |
| 8 | <input type="checkbox"/> | 500000.00 | 495777.23  | 8201665.22 | 1.6990 | A    | 2.6 |

$$y = 3.4270\text{E-}006 * x + 2.0638\text{E-}005$$

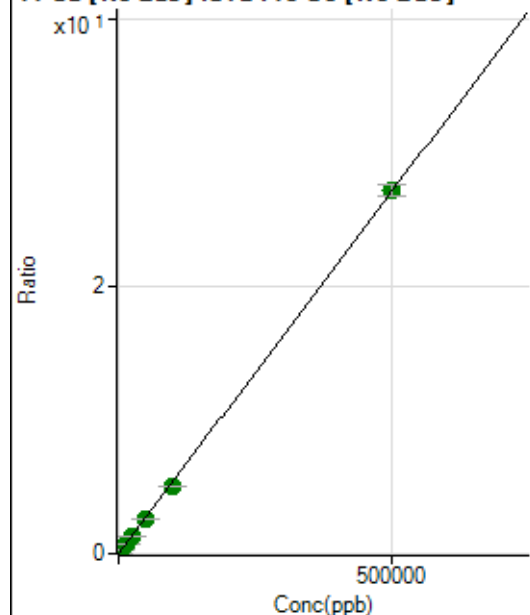
$$R = 0.9994$$

$$DL = 1.384$$

$$BEC = 6.022$$

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      | 9666.83     | 0.0019  | P    | 1.5 |
| 2 | <input type="checkbox"/> | 500.000   | 530.387    | 152533.57   | 0.0307  | P    | 1.2 |
| 3 | <input type="checkbox"/> | 5000.000  | 4882.841   | 1337984.53  | 0.2665  | A    | 2.3 |
| 4 | <input type="checkbox"/> | 12500.000 | 12250.405  | 3318436.63  | 0.6656  | A    | 1.6 |
| 5 | <input type="checkbox"/> | 25000.000 | 24349.756  | 6432751.75  | 1.3211  | A    | 2.5 |
| 6 | <input type="checkbox"/> | 50000.000 | 47348.858  | 12593002.97 | 2.5672  | A    | 2.0 |
| 7 | <input type="checkbox"/> | 100000.00 | 93391.305  | 25123407.69 | 5.0617  | A    | 0.8 |
| 8 | <input type="checkbox"/> | 500000.00 | 501626.74  | 131183962.5 | 27.1790 | A    | 3.2 |

$$y = 5.4178\text{E-}005 * x + 0.0019$$

$$R = 0.9999$$

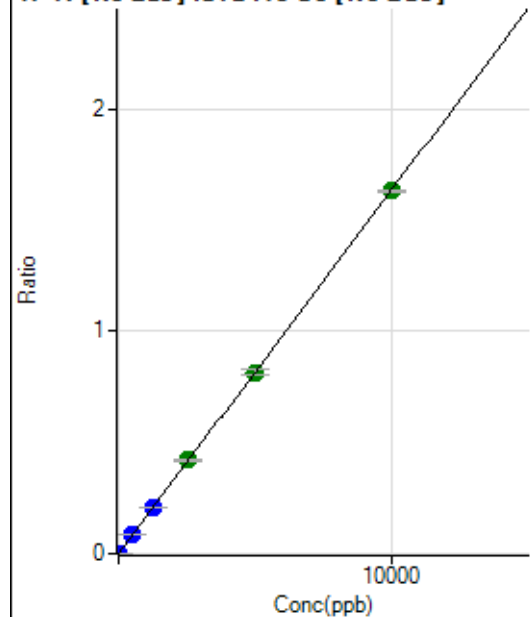
$$DL = 1.546$$

$$BEC = 35.39$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 83.34      | 0.0000 | P        | 41.0 |
| 2 | <input type="checkbox"/> | 5.000     | 5.378      | 4456.37    | 0.0009 | P        | 2.6  |
| 3 | <input type="checkbox"/> | 500.000   | 515.615    | 423150.97  | 0.0843 | P        | 2.6  |
| 4 | <input type="checkbox"/> | 1250.000  | 1290.791   | 1051665.42 | 0.2109 | P        | 0.6  |
| 5 | <input type="checkbox"/> | 2500.000  | 2578.458   | 2051893.52 | 0.4214 | A        | 1.6  |
| 6 | <input type="checkbox"/> | 5000.000  | 4991.558   | 3998327.17 | 0.8157 | A        | 3.7  |
| 7 | <input type="checkbox"/> | 10000.000 | 9978.727   | 8093324.49 | 1.6306 | A        | 0.4  |
| 8 | <input type="checkbox"/> |           |            | 1275.09    | 0.0003 | P        | 10.4 |

$$y = 1.6341\text{E-}004 * x + 1.6560\text{E-}005$$

$$R = 1.0000$$

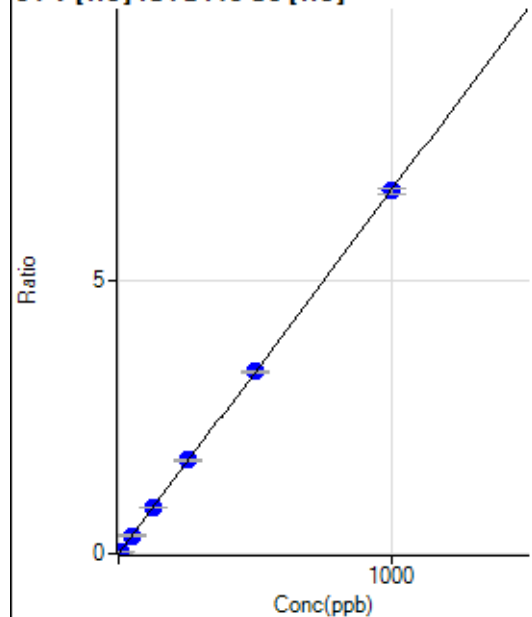
$$DL = 0.1247$$

$$BEC = 0.1013$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6.67       | 0.0000 | P        | 50.1 |
| 2 | <input type="checkbox"/> | 5.000    | 5.354      | 6320.35    | 0.0357 | P        | 9.3  |
| 3 | <input type="checkbox"/> | 50.000   | 49.674     | 62556.03   | 0.3310 | P        | 6.0  |
| 4 | <input type="checkbox"/> | 125.000  | 127.515    | 155086.96  | 0.8497 | P        | 0.3  |
| 5 | <input type="checkbox"/> | 250.000  | 257.149    | 307591.52  | 1.7135 | P        | 1.8  |
| 6 | <input type="checkbox"/> | 500.000  | 500.139    | 598306.81  | 3.3326 | P        | 1.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 997.843    | 1201083.80 | 6.6489 | P        | 1.3  |
| 8 | <input type="checkbox"/> |          |            | 355.56     | 0.0020 | P        | 8.7  |

$$y = 0.0067 * x + 3.5641\text{E-}005$$

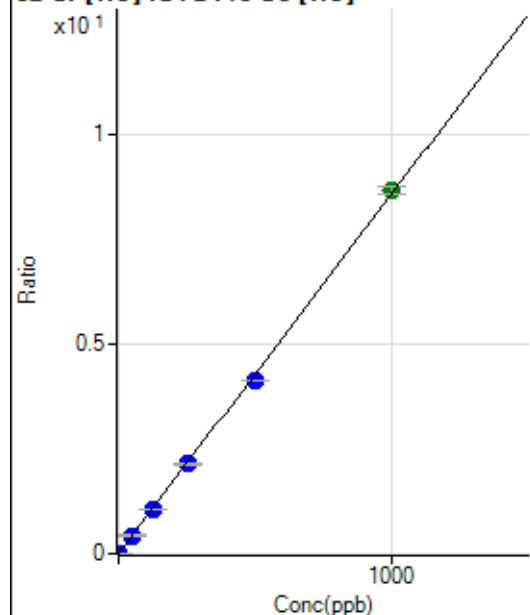
$$R = 1.0000$$

$$DL = 0.008039$$

$$BEC = 0.005349$$

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      | 717.81     | 0.0038 | P        | 13.2 |
| 2 | <input type="checkbox"/> | 2.000    | 2.051      | 3803.88    | 0.0215 | P        | 5.5  |
| 3 | <input type="checkbox"/> | 50.000   | 49.022     | 80301.57   | 0.4249 | P        | 5.6  |
| 4 | <input type="checkbox"/> | 125.000  | 124.841    | 196407.94  | 1.0761 | P        | 0.3  |
| 5 | <input type="checkbox"/> | 250.000  | 249.360    | 385168.82  | 2.1456 | P        | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 482.553    | 744785.14  | 4.1484 | P        | 0.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 1008.952   | 1566012.56 | 8.6696 | A        | 2.2  |
| 8 | <input type="checkbox"/> |          |            | 12298.71   | 0.0675 | P        | 1.5  |

$$y = 0.0086 * x + 0.0038$$

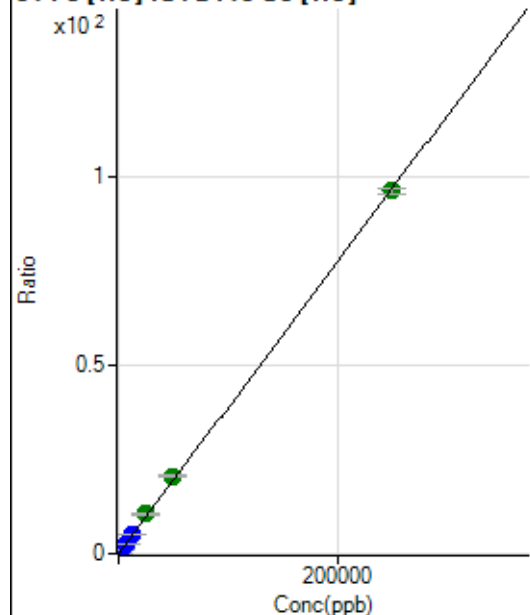
$$R = 0.9998$$

$$DL = 0.1767$$

$$BEC = 0.4467$$

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      | 772.26      | 0.0041  | P        | 9.4  |
| 2 | <input type="checkbox"/> | 50.000    | 53.398     | 4384.07     | 0.0248  | P        | 11.5 |
| 3 | <input type="checkbox"/> | 2500.000  | 2594.876   | 190644.84   | 1.0087  | P        | 5.5  |
| 4 | <input type="checkbox"/> | 6250.000  | 6748.839   | 477576.94   | 2.6168  | P        | 1.1  |
| 5 | <input type="checkbox"/> | 12500.000 | 13471.731  | 936962.86   | 5.2194  | P        | 1.4  |
| 6 | <input type="checkbox"/> | 25000.000 | 27141.462  | 1887106.55  | 10.5113 | A        | 1.6  |
| 7 | <input type="checkbox"/> | 50000.000 | 53427.414  | 3736930.29  | 20.6872 | A        | 1.5  |
| 8 | <input type="checkbox"/> | 250000.00 | 249038.36  | 17574816.83 | 96.4131 | A        | 1.4  |

$$y = 3.8713E-004 * x + 0.0041$$

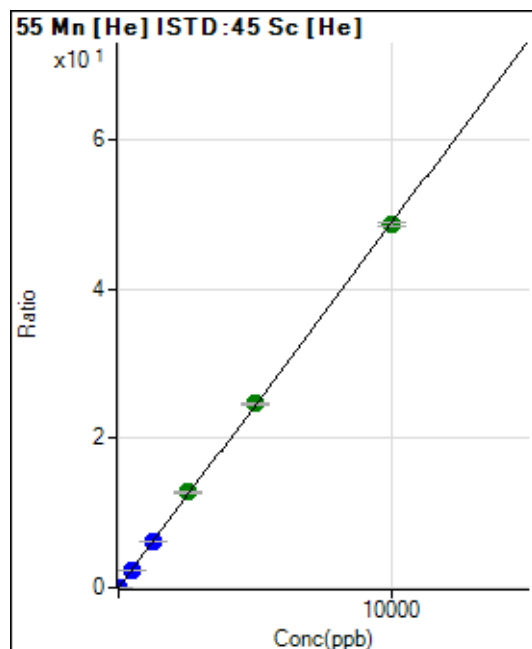
$$R = 0.9999$$

$$DL = 2.993$$

$$BEC = 10.66$$

Weight: &lt;None&gt;

Min Conc: 0



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD |
|---|--------------------------|-----------|------------|------------|---------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 54.44      | 0.0003  | P        | 9.2 |
| 2 | <input type="checkbox"/> | 1.000     | 1.038      | 952.27     | 0.0054  | P        | 5.9 |
| 3 | <input type="checkbox"/> | 500.000   | 482.581    | 446122.54  | 2.3603  | P        | 5.4 |
| 4 | <input type="checkbox"/> | 1250.000  | 1258.285   | 1123163.68 | 6.1538  | P        | 0.5 |
| 5 | <input type="checkbox"/> | 2500.000  | 2625.536   | 2304817.75 | 12.8403 | A        | 2.1 |
| 6 | <input type="checkbox"/> | 5000.000  | 5040.343   | 4425532.54 | 24.6497 | A        | 1.0 |
| 7 | <input type="checkbox"/> | 10000.000 | 9948.280   | 8788728.48 | 48.6516 | A        | 1.2 |
| 8 | <input type="checkbox"/> |           |            | 4434.07    | 0.0243  | P        | 4.2 |

$$y = 0.0049 * x + 2.9101E-004$$

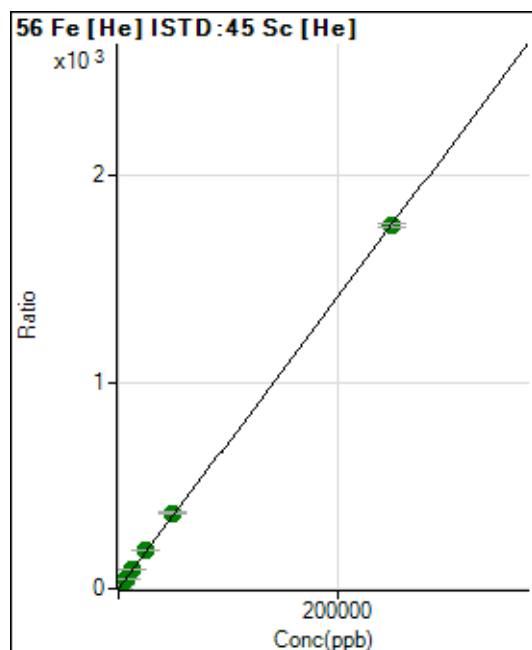
$$R = 0.9999$$

$$DL = 0.01647$$

$$BEC = 0.05951$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 5425.18     | 0.0290   | P        | 3.2 |
| 2 | <input type="checkbox"/> | 50.000    | 54.201     | 72734.57    | 0.4107   | P        | 7.8 |
| 3 | <input type="checkbox"/> | 2500.000  | 2635.548   | 3513765.50  | 18.5878  | A        | 5.1 |
| 4 | <input type="checkbox"/> | 6250.000  | 6939.024   | 8923402.22  | 48.8917  | A        | 1.3 |
| 5 | <input type="checkbox"/> | 12500.000 | 13616.896  | 17219289.39 | 95.9154  | A        | 0.6 |
| 6 | <input type="checkbox"/> | 25000.000 | 26294.979  | 33248617.64 | 185.1909 | A        | 1.0 |
| 7 | <input type="checkbox"/> | 50000.000 | 51773.078  | 65861662.58 | 364.6006 | A        | 2.0 |
| 8 | <input type="checkbox"/> | 250000.00 | 249441.46  | 320193296.0 | 1756.526 | A        | 1.2 |

$$y = 0.0070 * x + 0.0290$$

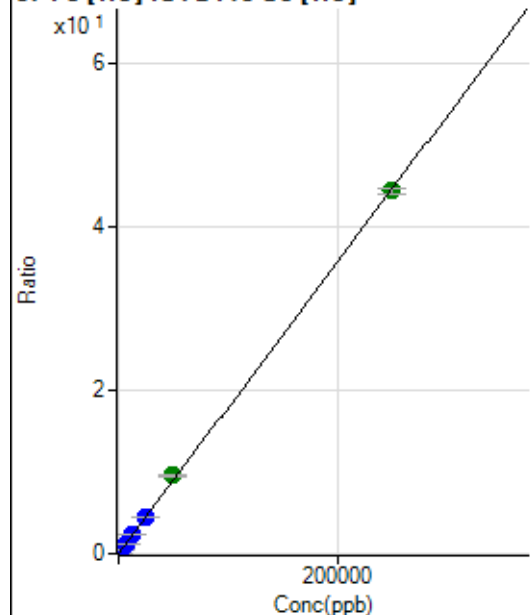
$$R = 1.0000$$

$$DL = 0.3894$$

$$BEC = 4.118$$

Weight: <None>

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|-----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 192.60     | 0.0010  | P   | 18.4 |
| 2 | <input type="checkbox"/> | 50.000    | 53.892     | 1877.94    | 0.0106  | P   | 10.6 |
| 3 | <input type="checkbox"/> | 2500.000  | 2558.606   | 86203.93   | 0.4562  | P   | 5.9  |
| 4 | <input type="checkbox"/> | 6250.000  | 6606.595   | 214659.52  | 1.1762  | P   | 1.4  |
| 5 | <input type="checkbox"/> | 12500.000 | 13115.504  | 419026.88  | 2.3340  | P   | 1.3  |
| 6 | <input type="checkbox"/> | 25000.000 | 25248.668  | 806512.84  | 4.4923  | P   | 1.0  |
| 7 | <input type="checkbox"/> | 50000.000 | 53730.270  | 1726709.31 | 9.5586  | A   | 1.3  |
| 8 | <input type="checkbox"/> | 250000.00 | 249188.80  | 8080398.33 | 44.3268 | A   | 1.3  |

$$y = 1.7788\text{E-}004 * x + 0.0010$$

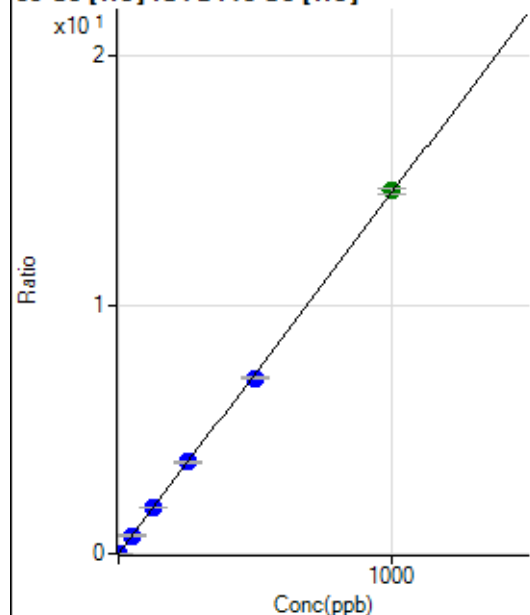
$$R = 0.9999$$

$$DL = 3.188$$

$$BEC = 5.788$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD |
|---|--------------------------|----------|------------|------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 90.00      | 0.0005  | P   | 6.4 |
| 2 | <input type="checkbox"/> | 1.000    | 1.075      | 2844.75    | 0.0161  | P   | 7.1 |
| 3 | <input type="checkbox"/> | 50.000   | 49.375     | 135322.38  | 0.7160  | P   | 5.4 |
| 4 | <input type="checkbox"/> | 125.000  | 127.128    | 336277.69  | 1.8426  | P   | 2.1 |
| 5 | <input type="checkbox"/> | 250.000  | 253.409    | 659299.53  | 3.6725  | P   | 0.9 |
| 6 | <input type="checkbox"/> | 500.000  | 485.852    | 1264050.42 | 7.0408  | P   | 1.2 |
| 7 | <input type="checkbox"/> | 1000.000 | 1005.987   | 2633285.92 | 14.5778 | A   | 1.6 |
| 8 | <input type="checkbox"/> |          |            | 2372.44    | 0.0130  | P   | 1.2 |

$$y = 0.0145 * x + 4.8109\text{E-}004$$

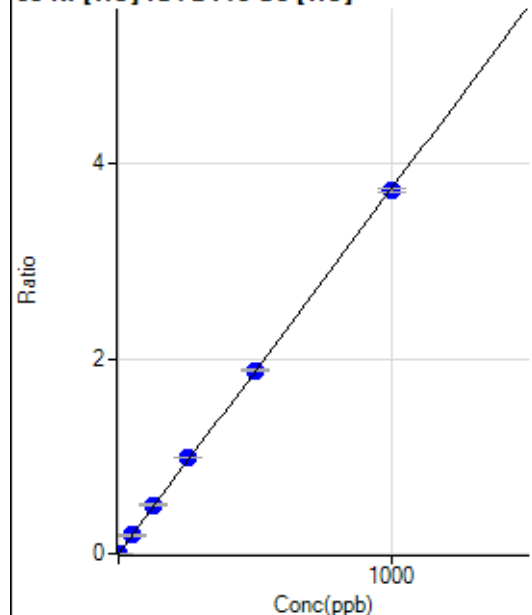
$$R = 0.9998$$

$$DL = 0.006357$$

$$BEC = 0.0332$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 108.89    | 0.0006 | P        | 35.3 |
| 2 | <input type="checkbox"/> | 1.000    | 1.174      | 880.04    | 0.0050 | P        | 9.7  |
| 3 | <input type="checkbox"/> | 50.000   | 51.521     | 36519.18  | 0.1933 | P        | 6.8  |
| 4 | <input type="checkbox"/> | 125.000  | 134.001    | 91583.69  | 0.5018 | P        | 2.1  |
| 5 | <input type="checkbox"/> | 250.000  | 263.194    | 176838.83 | 0.9851 | P        | 1.5  |
| 6 | <input type="checkbox"/> | 500.000  | 502.929    | 337864.45 | 1.8819 | P        | 0.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 994.036    | 671837.52 | 3.7190 | P        | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 2063.50   | 0.0113 | P        | 2.4  |

$$y = 0.0037 * x + 5.8222E-004$$

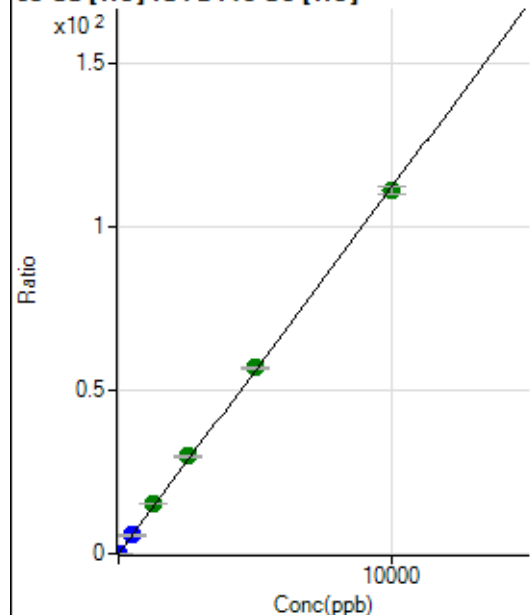
$$R = 0.9999$$

$$DL = 0.1648$$

$$BEC = 0.1556$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 651.13      | 0.0035   | P        | 5.1 |
| 2 | <input type="checkbox"/> | 2.000     | 2.209      | 5003.16     | 0.0282   | P        | 6.2 |
| 3 | <input type="checkbox"/> | 500.000   | 499.806    | 1058565.93  | 5.6016   | P        | 5.9 |
| 4 | <input type="checkbox"/> | 1250.000  | 1353.864   | 2768166.07  | 15.1675  | A        | 1.1 |
| 5 | <input type="checkbox"/> | 2500.000  | 2651.928   | 5332424.05  | 29.7065  | A        | 1.9 |
| 6 | <input type="checkbox"/> | 5000.000  | 5083.327   | 10222761.31 | 56.9394  | A        | 1.3 |
| 7 | <input type="checkbox"/> | 10000.000 | 9907.381   | 20046341.92 | 110.9713 | A        | 2.1 |
| 8 | <input type="checkbox"/> |           |            | 3956.15     | 0.0217   | P        | 5.8 |

$$y = 0.0112 * x + 0.0035$$

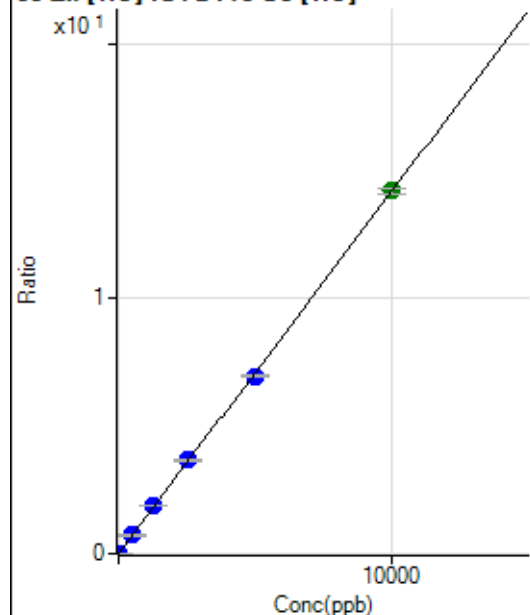
$$R = 0.9998$$

$$DL = 0.04757$$

$$BEC = 0.3108$$

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      | 256.67     | 0.0014  | P    | 9.0 |
| 2 | <input type="checkbox"/> | 2.000     | 2.456      | 860.03     | 0.0049  | P    | 9.5 |
| 3 | <input type="checkbox"/> | 500.000   | 507.446    | 136448.81  | 0.7221  | P    | 6.2 |
| 4 | <input type="checkbox"/> | 1250.000  | 1315.605   | 341260.26  | 1.8699  | P    | 1.2 |
| 5 | <input type="checkbox"/> | 2500.000  | 2592.172   | 661105.74  | 3.6829  | P    | 1.7 |
| 6 | <input type="checkbox"/> | 5000.000  | 4893.997   | 1248151.48 | 6.9521  | P    | 0.8 |
| 7 | <input type="checkbox"/> | 10000.000 | 10021.385  | 2571325.45 | 14.2344 | A    | 1.7 |
| 8 | <input type="checkbox"/> |           |            | 12153.09   | 0.0667  | P    | 1.8 |

$$y = 0.0014 * x + 0.0014$$

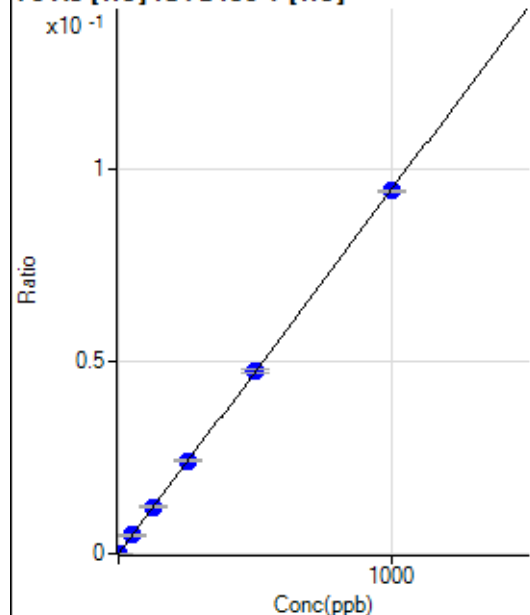
$$R = 0.9999$$

$$DL = 0.2612$$

$$BEC = 0.966$$

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      | 3.00      | 0.0000 | P    | 33.1 |
| 2 | <input type="checkbox"/> | 1.000    | 1.181      | 170.02    | 0.0001 | P    | 12.9 |
| 3 | <input type="checkbox"/> | 50.000   | 50.982     | 7486.41   | 0.0048 | P    | 6.3  |
| 4 | <input type="checkbox"/> | 125.000  | 127.628    | 18680.53  | 0.0121 | P    | 3.0  |
| 5 | <input type="checkbox"/> | 250.000  | 255.166    | 36628.53  | 0.0242 | P    | 2.0  |
| 6 | <input type="checkbox"/> | 500.000  | 503.857    | 71339.51  | 0.0478 | P    | 1.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 996.402    | 142811.95 | 0.0945 | P    | 0.5  |
| 8 | <input type="checkbox"/> |          |            | 36.33     | 0.0000 | P    | 3.9  |

$$y = 9.4877E-005 * x + 1.9504E-006$$

$$R = 1.0000$$

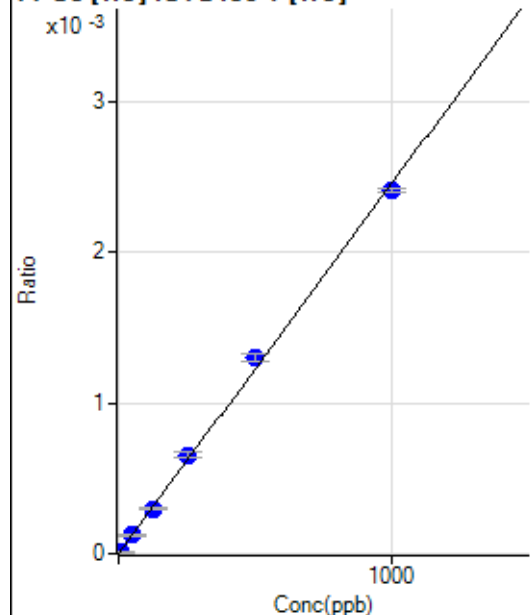
$$DL = 0.02039$$

$$BEC = 0.02056$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS     | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|---------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 0.00    | 0.0000 | P    |      |
| 2 | <input type="checkbox"/> | 5.000    | 3.468      | 12.22   | 0.0000 | P    | 89.6 |
| 3 | <input type="checkbox"/> | 50.000   | 50.001     | 190.01  | 0.0001 | P    | 10.5 |
| 4 | <input type="checkbox"/> | 125.000  | 120.721    | 456.68  | 0.0003 | P    | 5.9  |
| 5 | <input type="checkbox"/> | 250.000  | 267.232    | 992.27  | 0.0007 | P    | 4.7  |
| 6 | <input type="checkbox"/> | 500.000  | 530.214    | 1940.15 | 0.0013 | P    | 3.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 981.127    | 3634.95 | 0.0024 | P    | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 3.33    | 0.0000 | P    | 2.6  |

$$y = 2.4525\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9991$$

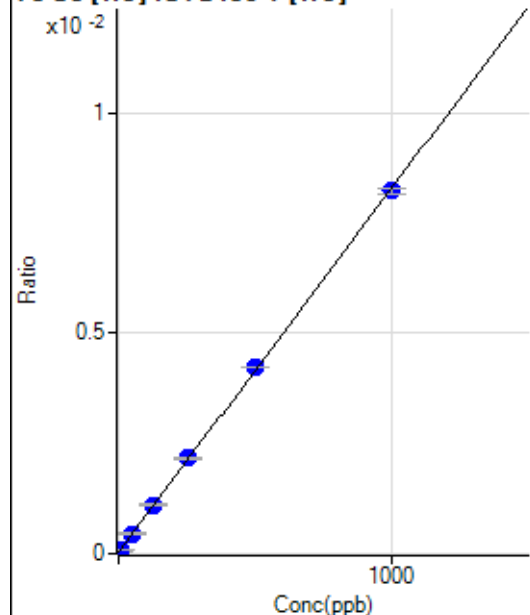
$$DL = 0$$

$$BEC = 0$$

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      | 52.01    | 0.0000 | P    | 15.1 |
| 2 | <input type="checkbox"/> | 5.000    | 5.787      | 121.68   | 0.0001 | P    | 7.7  |
| 3 | <input type="checkbox"/> | 50.000   | 51.315     | 708.76   | 0.0005 | P    | 3.5  |
| 4 | <input type="checkbox"/> | 125.000  | 129.454    | 1701.61  | 0.0011 | P    | 3.9  |
| 5 | <input type="checkbox"/> | 250.000  | 258.520    | 3281.72  | 0.0022 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 500.000  | 507.879    | 6310.72  | 0.0042 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 993.304    | 12443.42 | 0.0082 | P    | 1.2  |
| 8 | <input type="checkbox"/> |          |            | 63.68    | 0.0000 | P    | 6.3  |

$$y = 8.2585\text{E-}006 * x + 3.3832\text{E-}005$$

$$R = 0.9999$$

$$DL = 1.85$$

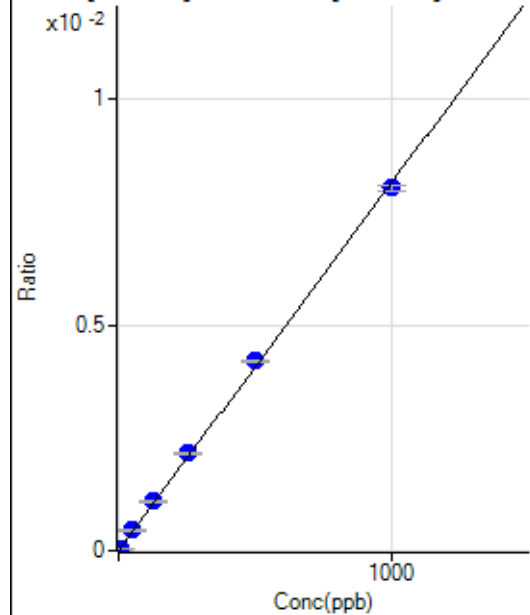
$$BEC = 4.097$$

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"/> |       |            | 38818.67 |       | P        | 2.6 |
| 2 | <input type="checkbox"/> |       |            | 40233.95 |       | P        | 0.4 |
| 3 | <input type="checkbox"/> |       |            | 38913.35 |       | P        | 2.1 |
| 4 | <input type="checkbox"/> |       |            | 37153.14 |       | P        | 2.1 |
| 5 | <input type="checkbox"/> |       |            | 37841.21 |       | P        | 2.1 |
| 6 | <input type="checkbox"/> |       |            | 36501.69 |       | P        | 1.8 |
| 7 | <input type="checkbox"/> |       |            | 39353.91 |       | P        | 1.2 |
| 8 | <input type="checkbox"/> |       |            | 38595.99 |       | P        | 0.3 |

**82 Se [ 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      | 20.00    | 0.0000 | P        | 111. |
| 2 | <input type="checkbox"/> | 5.000    | 5.617      | 575.37   | 0.0000 | P        | 1.1  |
| 3 | <input type="checkbox"/> | 50.000   | 55.141     | 5407.57  | 0.0005 | P        | 3.3  |
| 4 | <input type="checkbox"/> | 125.000  | 133.723    | 13170.63 | 0.0011 | P        | 3.2  |
| 5 | <input type="checkbox"/> | 250.000  | 264.686    | 25913.59 | 0.0022 | P        | 0.7  |
| 6 | <input type="checkbox"/> | 500.000  | 516.996    | 49650.76 | 0.0042 | P        | 1.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 986.480    | 98832.84 | 0.0080 | P        | 1.5  |
| 8 | <input type="checkbox"/> |          |            | 75.82    | 0.0000 | P        | 21.0 |

$$y = 8.1511\text{E-}006 * x + 1.6241\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.6665$$

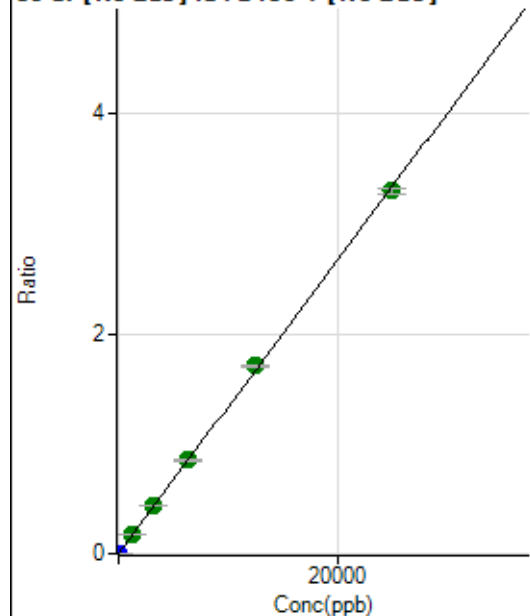
$$BEC = 0.1993$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 262.47 |       | P        | 0.5  |
| 2 | <input type="checkbox"/> |       |            | 262.47 |       | P        | 3.6  |
| 3 | <input type="checkbox"/> |       |            | 268.72 |       | P        | 3.3  |
| 4 | <input type="checkbox"/> |       |            | 267.89 |       | P        | 10.7 |
| 5 | <input type="checkbox"/> |       |            | 274.97 |       | P        | 9.2  |
| 6 | <input type="checkbox"/> |       |            | 277.47 |       | P        | 8.3  |
| 7 | <input type="checkbox"/> |       |            | 277.47 |       | P        | 3.0  |
| 8 | <input type="checkbox"/> |       |            | 285.80 |       | P        | 8.6  |

**86 Sr [ 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      | 444.47      | 0.0000 | P        | 6.6 |
| 2 | <input type="checkbox"/> | 1.000     | 1.050      | 2136.33     | 0.0002 | P        | 6.6 |
| 3 | <input type="checkbox"/> | 1250.000  | 1331.657   | 2127653.02  | 0.1774 | A        | 0.7 |
| 4 | <input type="checkbox"/> | 3125.000  | 3233.298   | 5197394.21  | 0.4307 | A        | 0.8 |
| 5 | <input type="checkbox"/> | 6250.000  | 6374.443   | 10191340.77 | 0.8491 | A        | 0.8 |
| 6 | <input type="checkbox"/> | 12500.000 | 12857.649  | 20171856.87 | 1.7127 | A        | 1.0 |
| 7 | <input type="checkbox"/> | 25000.000 | 24772.445  | 40549609.93 | 3.2998 | A        | 1.6 |
| 8 | <input type="checkbox"/> |           |            | 11096.40    | 0.0009 | P        | 7.4 |

$$y = 1.3320\text{E-}004 * x + 3.6061\text{E-}005$$

$$R = 0.9998$$

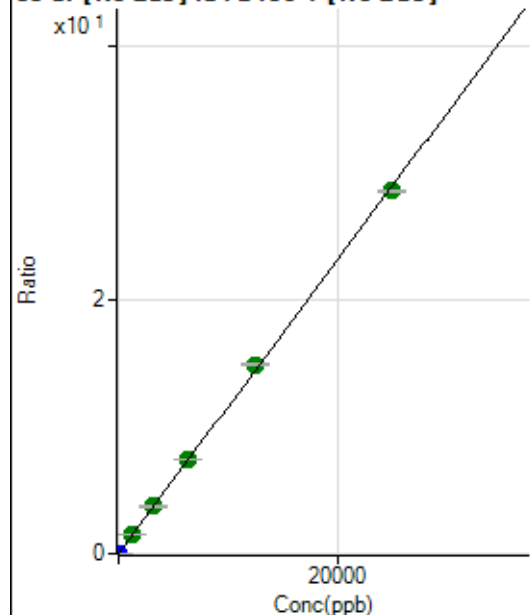
$$DL = 0.05364$$

$$BEC = 0.2707$$

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      | 122.23      | 0.0000  | P    | 6.9 |
| 2 | <input type="checkbox"/> | 1.000     | 1.034      | 14624.71    | 0.0012  | P    | 1.2 |
| 3 | <input type="checkbox"/> | 1250.000  | 1302.289   | 18042830.09 | 1.5048  | A    | 1.4 |
| 4 | <input type="checkbox"/> | 3125.000  | 3235.648   | 45108713.51 | 3.7388  | A    | 1.6 |
| 5 | <input type="checkbox"/> | 6250.000  | 6404.389   | 88822108.93 | 7.4002  | A    | 0.8 |
| 6 | <input type="checkbox"/> | 12500.000 | 12902.873  | 175596010.8 | 14.9091 | A    | 1.2 |
| 7 | <input type="checkbox"/> | 25000.000 | 24743.521  | 351423802.3 | 28.5909 | A    | 0.4 |
| 8 | <input type="checkbox"/> |           |            | 92322.63    | 0.0077  | P    | 7.8 |

$$y = 0.0012 * x + 9.9165E-006$$

$$R = 0.9998$$

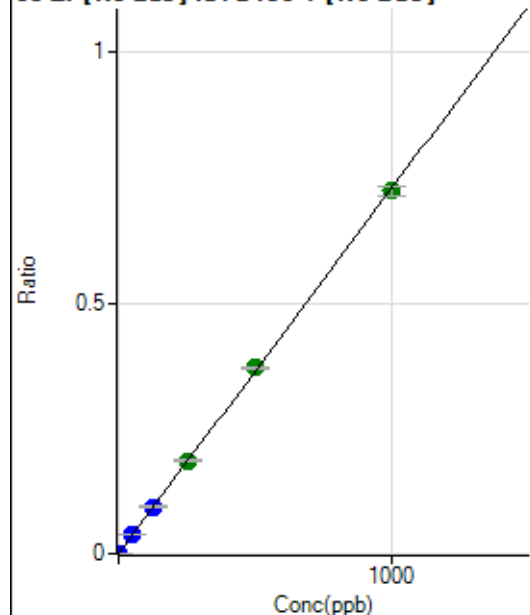
$$DL = 0.001776$$

$$BEC = 0.008582$$

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      | 372.24     | 0.0000 | P    | 38.4 |
| 2 | <input type="checkbox"/> | 1.000    | 0.955      | 8803.00    | 0.0007 | P    | 2.1  |
| 3 | <input type="checkbox"/> | 50.000   | 51.295     | 448115.64  | 0.0374 | P    | 1.8  |
| 4 | <input type="checkbox"/> | 125.000  | 128.339    | 1127668.20 | 0.0935 | P    | 1.9  |
| 5 | <input type="checkbox"/> | 250.000  | 255.139    | 2229716.80 | 0.1858 | A    | 0.8  |
| 6 | <input type="checkbox"/> | 500.000  | 509.245    | 4367298.93 | 0.3708 | A    | 0.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 993.611    | 8888907.58 | 0.7234 | A    | 2.4  |
| 8 | <input type="checkbox"/> |          |            | 2116.89    | 0.0002 | P    | 1.0  |

$$y = 7.2804E-004 * x + 3.0242E-005$$

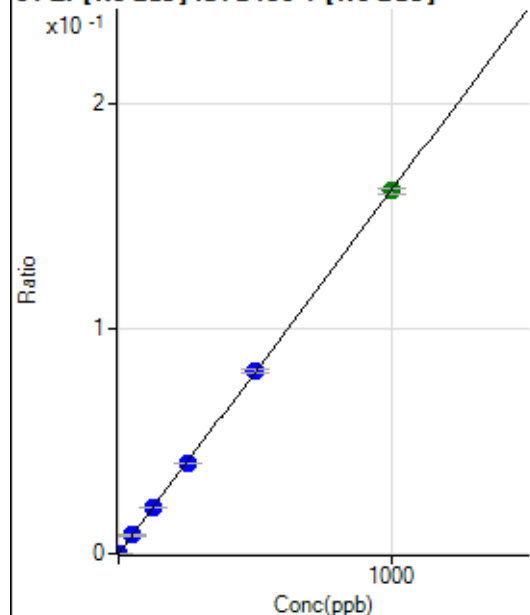
$$R = 0.9999$$

$$DL = 0.0478$$

$$BEC = 0.04154$$

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      | 75.00      | 0.0000 | P    | 48.9 |
| 2 | <input type="checkbox"/> | 1.000    | 0.935      | 1908.51    | 0.0002 | P    | 4.7  |
| 3 | <input type="checkbox"/> | 50.000   | 50.547     | 98036.24   | 0.0082 | P    | 3.0  |
| 4 | <input type="checkbox"/> | 125.000  | 126.379    | 246580.14  | 0.0204 | P    | 1.8  |
| 5 | <input type="checkbox"/> | 250.000  | 250.301    | 485757.55  | 0.0405 | P    | 0.1  |
| 6 | <input type="checkbox"/> | 500.000  | 502.354    | 956548.85  | 0.0812 | P    | 1.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 998.548    | 1984167.77 | 0.1614 | A    | 1.8  |
| 8 | <input type="checkbox"/> |          |            | 391.69     | 0.0000 | P    | 16.2 |

$$y = 1.6167\text{E-}004 * x + 6.1055\text{E-}006$$

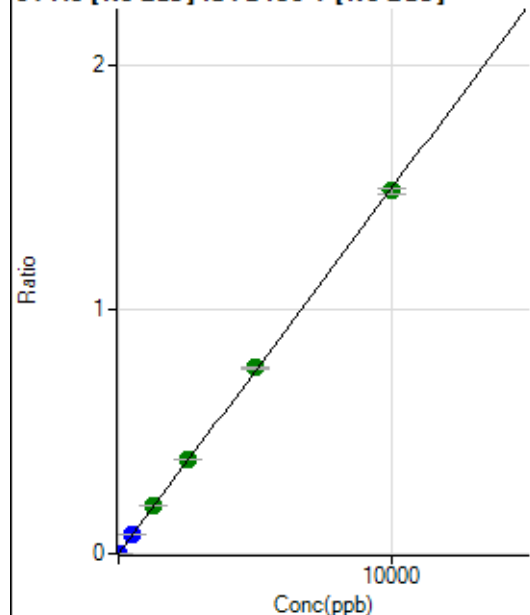
$$R = 1.0000$$

$$DL = 0.05542$$

$$BEC = 0.03777$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 122.23      | 0.0000 | P    | 18.7 |
| 2 | <input type="checkbox"/> | 5.000     | 5.812      | 10671.05    | 0.0009 | P    | 4.8  |
| 3 | <input type="checkbox"/> | 500.000   | 522.534    | 936986.11   | 0.0782 | P    | 3.0  |
| 4 | <input type="checkbox"/> | 1250.000  | 1308.185   | 2360611.42  | 0.1957 | A    | 2.2  |
| 5 | <input type="checkbox"/> | 2500.000  | 2571.521   | 4616215.34  | 0.3846 | A    | 0.8  |
| 6 | <input type="checkbox"/> | 5000.000  | 5082.892   | 8953442.56  | 0.7602 | A    | 1.3  |
| 7 | <input type="checkbox"/> | 10000.000 | 9932.274   | 18255000.06 | 1.4855 | A    | 1.6  |
| 8 | <input type="checkbox"/> |           |            | 3514.42     | 0.0003 | P    | 7.9  |

$$y = 1.4956\text{E-}004 * x + 9.9094\text{E-}006$$

$$R = 0.9999$$

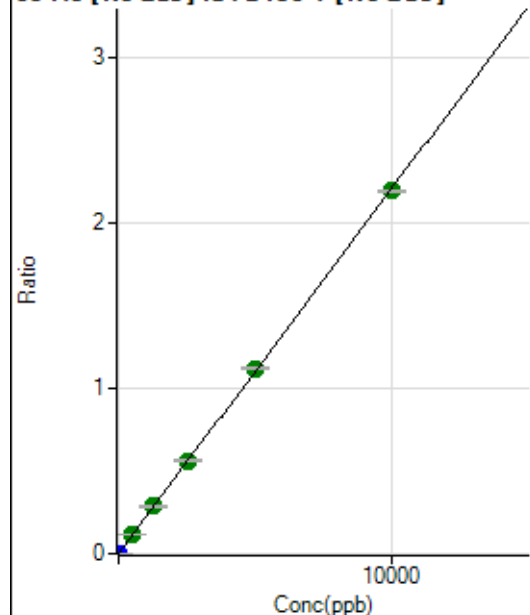
$$DL = 0.03709$$

$$BEC = 0.06626$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 69.45       | 0.0000 | P    | 25.6 |
| 2 | <input type="checkbox"/> | 5.000     | 4.840      | 13009.21    | 0.0011 | P    | 1.9  |
| 3 | <input type="checkbox"/> | 500.000   | 524.110    | 1384063.25  | 0.1155 | A    | 2.8  |
| 4 | <input type="checkbox"/> | 1250.000  | 1297.520   | 3448630.61  | 0.2858 | A    | 1.2  |
| 5 | <input type="checkbox"/> | 2500.000  | 2549.696   | 6740848.67  | 0.5616 | A    | 1.0  |
| 6 | <input type="checkbox"/> | 5000.000  | 5070.780   | 13155081.55 | 1.1170 | A    | 1.0  |
| 7 | <input type="checkbox"/> | 10000.000 | 9945.041   | 26924874.39 | 2.1906 | A    | 0.8  |
| 8 | <input type="checkbox"/> |           |            | 4528.65     | 0.0004 | P    | 13.1 |

$$y = 2.2027\text{E-}004 * x + 5.6449\text{E-}006$$

$$R = 0.9999$$

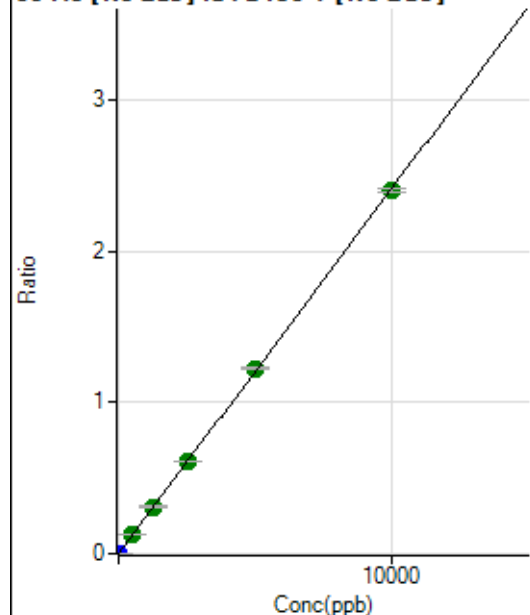
$$DL = 0.01971$$

$$BEC = 0.02563$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 91.67       | 0.0000 | P    | 23.3 |
| 2 | <input type="checkbox"/> | 5.000     | 4.933      | 14513.55    | 0.0012 | P    | 1.5  |
| 3 | <input type="checkbox"/> | 500.000   | 527.076    | 1522281.32  | 0.1270 | A    | 2.1  |
| 4 | <input type="checkbox"/> | 1250.000  | 1287.432   | 3741798.43  | 0.3101 | A    | 1.6  |
| 5 | <input type="checkbox"/> | 2500.000  | 2546.528   | 7362694.61  | 0.6134 | A    | 0.6  |
| 6 | <input type="checkbox"/> | 5000.000  | 5071.178   | 14387651.88 | 1.2216 | A    | 1.1  |
| 7 | <input type="checkbox"/> | 10000.000 | 9946.746   | 29448233.99 | 2.3960 | A    | 1.2  |
| 8 | <input type="checkbox"/> |           |            | 9161.65     | 0.0008 | P    | 6.5  |

$$y = 2.4088\text{E-}004 * x + 7.4305\text{E-}006$$

$$R = 0.9999$$

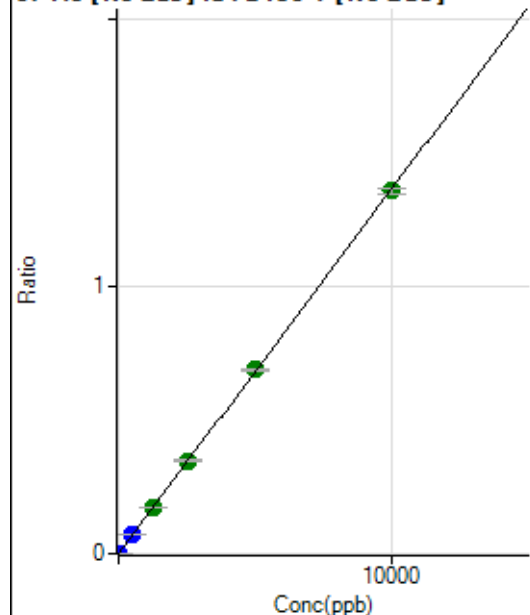
$$DL = 0.02154$$

$$BEC = 0.03085$$

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      | 30.56       | 0.0000 | P        | 40.9 |
| 2 | <input type="checkbox"/> | 5.000     | 4.747      | 7888.60     | 0.0007 | P        | 3.9  |
| 3 | <input type="checkbox"/> | 500.000   | 512.593    | 838577.22   | 0.0699 | P        | 2.0  |
| 4 | <input type="checkbox"/> | 1250.000  | 1281.264   | 2109423.51  | 0.1748 | A        | 0.8  |
| 5 | <input type="checkbox"/> | 2500.000  | 2558.381   | 4189626.66  | 0.3491 | A        | 1.1  |
| 6 | <input type="checkbox"/> | 5000.000  | 5050.653   | 8117463.38  | 0.6891 | A        | 1.4  |
| 7 | <input type="checkbox"/> | 10000.000 | 9955.541   | 16692546.73 | 1.3584 | A        | 1.6  |
| 8 | <input type="checkbox"/> |           |            | 2955.96     | 0.0002 | P        | 13.8 |

$$y = 1.3645\text{E-}004 * x + 2.4739\text{E-}006$$

$$R = 1.0000$$

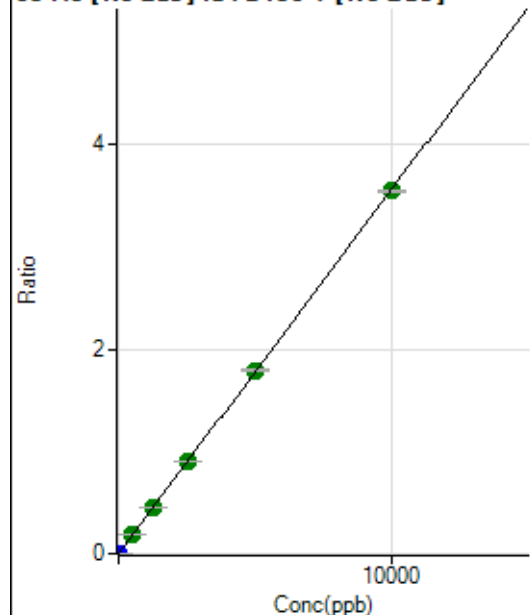
$$DL = 0.02223$$

$$BEC = 0.01813$$

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      | 47.22       | 0.0000 | P        | 35.7 |
| 2 | <input type="checkbox"/> | 5.000     | 4.829      | 20910.69    | 0.0017 | P        | 2.3  |
| 3 | <input type="checkbox"/> | 500.000   | 518.207    | 2211428.50  | 0.1845 | A        | 3.7  |
| 4 | <input type="checkbox"/> | 1250.000  | 1274.813   | 5475859.11  | 0.4538 | A        | 1.0  |
| 5 | <input type="checkbox"/> | 2500.000  | 2545.063   | 10874661.35 | 0.9060 | A        | 0.1  |
| 6 | <input type="checkbox"/> | 5000.000  | 5042.217   | 21143623.91 | 1.7950 | A        | 0.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 9963.614   | 43596029.79 | 3.5471 | A        | 0.5  |
| 8 | <input type="checkbox"/> |           |            | 7215.99     | 0.0006 | P        | 15.5 |

$$y = 3.5600\text{E-}004 * x + 3.8238\text{E-}006$$

$$R = 1.0000$$

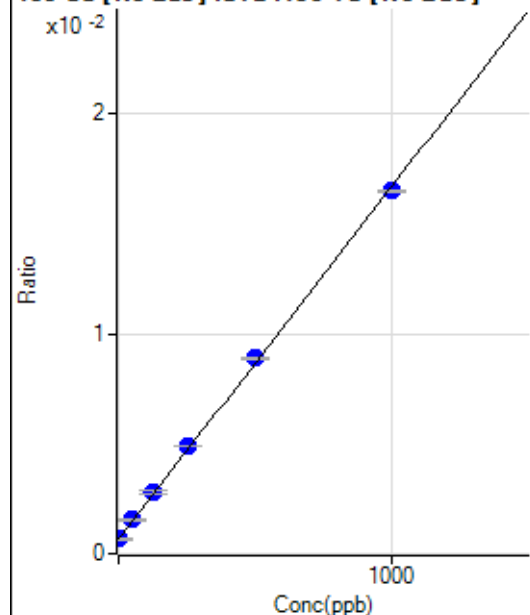
$$DL = 0.0115$$

$$BEC = 0.01074$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 5693.00   | 0.0007 | P   | 3.2 |
| 2 | <input type="checkbox"/> | 1.000    | 0.143      | 5701.38   | 0.0007 | P   | 2.2 |
| 3 | <input type="checkbox"/> | 50.000   | 54.919     | 13212.27  | 0.0015 | P   | 1.5 |
| 4 | <input type="checkbox"/> | 125.000  | 132.778    | 23851.88  | 0.0028 | P   | 4.8 |
| 5 | <input type="checkbox"/> | 250.000  | 264.210    | 42084.55  | 0.0049 | P   | 1.3 |
| 6 | <input type="checkbox"/> | 500.000  | 513.086    | 76429.45  | 0.0089 | P   | 0.6 |
| 7 | <input type="checkbox"/> | 1000.000 | 988.687    | 145827.14 | 0.0165 | P   | 0.4 |
| 8 | <input type="checkbox"/> |          |            | 5359.54   | 0.0006 | P   | 5.8 |

$$y = 1.6014\text{E-}005 * x + 6.5713\text{E-}004$$

$$R = 0.9997$$

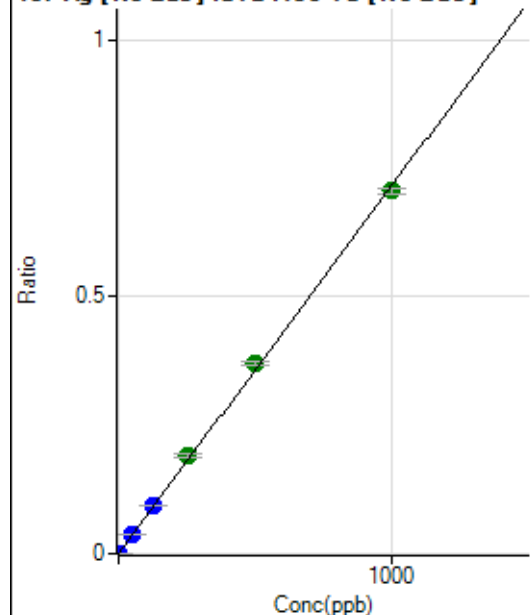
$$DL = 4$$

$$BEC = 41.03$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 88.89      | 0.0000 | P   | 22.4 |
| 2 | <input type="checkbox"/> | 1.000    | 1.081      | 6771.30    | 0.0008 | P   | 5.3  |
| 3 | <input type="checkbox"/> | 50.000   | 52.120     | 320649.81  | 0.0373 | P   | 1.2  |
| 4 | <input type="checkbox"/> | 125.000  | 129.925    | 796552.25  | 0.0929 | P   | 0.3  |
| 5 | <input type="checkbox"/> | 250.000  | 266.664    | 1641540.00 | 0.1907 | A   | 4.3  |
| 6 | <input type="checkbox"/> | 500.000  | 516.711    | 3183198.81 | 0.3696 | A   | 1.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 986.757    | 6241164.59 | 0.7058 | A   | 1.5  |
| 8 | <input type="checkbox"/> |          |            | 2447.53    | 0.0003 | P   | 2.7  |

$$y = 7.1527\text{E-}004 * x + 1.0275\text{E-}005$$

$$R = 0.9996$$

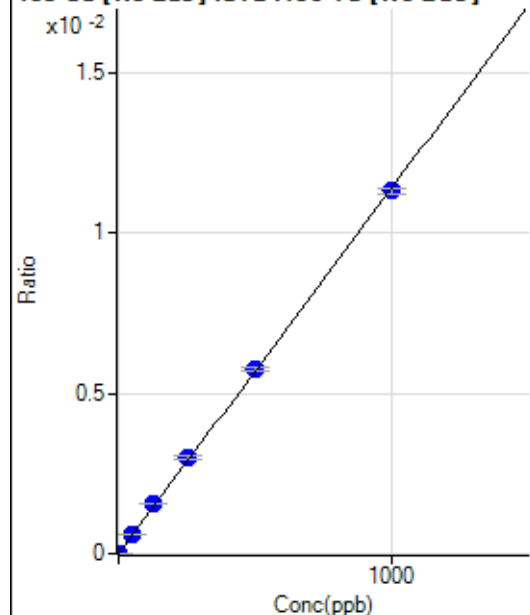
$$DL = 0.009639$$

$$BEC = 0.01436$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 29.17     | 0.0000 | P    | 43.3 |
| 2 | <input type="checkbox"/> | 1.000    | 1.116      | 138.89    | 0.0000 | P    | 15.0 |
| 3 | <input type="checkbox"/> | 50.000   | 52.583     | 5178.81   | 0.0006 | P    | 3.9  |
| 4 | <input type="checkbox"/> | 125.000  | 134.779    | 13181.43  | 0.0015 | P    | 0.2  |
| 5 | <input type="checkbox"/> | 250.000  | 261.246    | 25628.16  | 0.0030 | P    | 4.0  |
| 6 | <input type="checkbox"/> | 500.000  | 505.521    | 49604.15  | 0.0058 | P    | 1.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 993.077    | 100023.64 | 0.0113 | P    | 1.3  |
| 8 | <input type="checkbox"/> |          |            | 76.39     | 0.0000 | P    | 9.7  |

$$y = 1.1386\text{E-}005 * x + 3.3700\text{E-}006$$

$$R = 0.9999$$

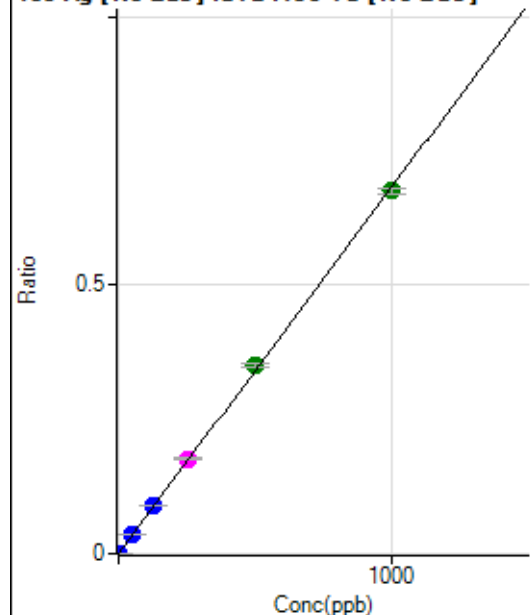
$$DL = 0.3843$$

$$BEC = 0.296$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 30.55      | 0.0000 | P    | 16.5 |
| 2 | <input type="checkbox"/> | 1.000    | 1.046      | 6201.59    | 0.0007 | P    | 3.7  |
| 3 | <input type="checkbox"/> | 50.000   | 52.214     | 306403.93  | 0.0356 | P    | 1.1  |
| 4 | <input type="checkbox"/> | 125.000  | 129.657    | 758318.30  | 0.0885 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 250.000  | 258.186    | 1517257.64 | 0.1762 | M    | 1.9  |
| 6 | <input type="checkbox"/> | 500.000  | 513.688    | 3019238.44 | 0.3506 | A    | 1.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 990.417    | 5976882.99 | 0.6759 | A    | 1.8  |
| 8 | <input type="checkbox"/> |          |            | 2294.71    | 0.0003 | P    | 4.4  |

$$y = 6.8242\text{E-}004 * x + 3.5305\text{E-}006$$

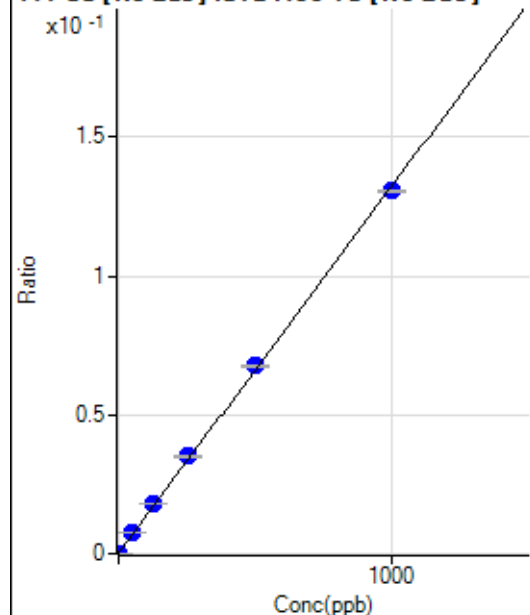
$$R = 0.9998$$

$$DL = 0.002561$$

$$BEC = 0.005174$$

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      | 1126.52    | 0.0001 | P    | 2.7 |
| 2 | <input type="checkbox"/> | 1.000    | 1.141      | 2426.47    | 0.0003 | P    | 1.7 |
| 3 | <input type="checkbox"/> | 50.000   | 54.370     | 62877.22   | 0.0073 | P    | 0.9 |
| 4 | <input type="checkbox"/> | 125.000  | 135.226    | 154196.20  | 0.0180 | P    | 0.9 |
| 5 | <input type="checkbox"/> | 250.000  | 265.570    | 303084.29  | 0.0352 | P    | 2.3 |
| 6 | <input type="checkbox"/> | 500.000  | 512.680    | 584365.33  | 0.0678 | P    | 1.0 |
| 7 | <input type="checkbox"/> | 1000.000 | 988.270    | 1155524.39 | 0.1307 | P    | 0.5 |
| 8 | <input type="checkbox"/> |          |            | 1378.17    | 0.0002 | P    | 2.0 |

$$y = 1.3209\text{E-}004 * x + 1.3004\text{E-}004$$

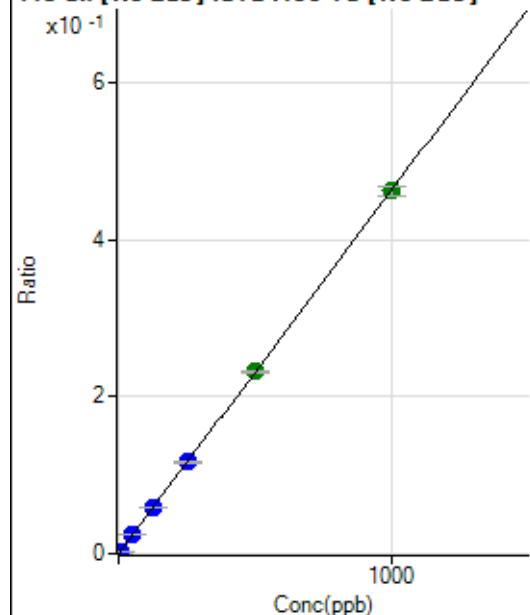
$$R = 0.9997$$

$$DL = 0.08081$$

$$BEC = 0.9845$$

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      | 483.35     | 0.0001 | P    | 9.5 |
| 2 | <input type="checkbox"/> | 5.000    | 5.092      | 20877.63   | 0.0024 | P    | 2.9 |
| 3 | <input type="checkbox"/> | 50.000   | 50.699     | 202525.34  | 0.0236 | P    | 0.8 |
| 4 | <input type="checkbox"/> | 125.000  | 127.821    | 508206.51  | 0.0593 | P    | 0.8 |
| 5 | <input type="checkbox"/> | 250.000  | 253.345    | 1011216.32 | 0.1175 | P    | 2.4 |
| 6 | <input type="checkbox"/> | 500.000  | 500.722    | 1999268.71 | 0.2321 | A    | 1.0 |
| 7 | <input type="checkbox"/> | 1000.000 | 998.415    | 4092147.62 | 0.4628 | A    | 2.3 |
| 8 | <input type="checkbox"/> |          |            | 2180.79    | 0.0003 | P    | 6.0 |

$$y = 4.6347\text{E-}004 * x + 5.5830\text{E-}005$$

$$R = 1.0000$$

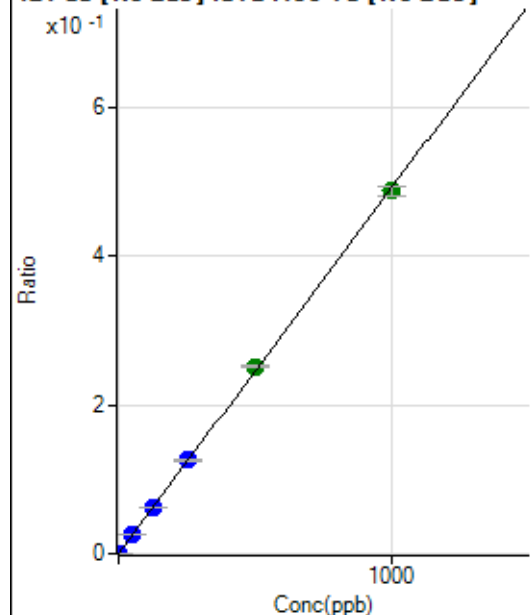
$$DL = 0.0342$$

$$BEC = 0.1205$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 44.44      | 0.0000 | P        | 60.5 |
| 2 | <input type="checkbox"/> | 2.000    | 2.021      | 8627.92    | 0.0010 | P        | 8.7  |
| 3 | <input type="checkbox"/> | 50.000   | 51.668     | 218497.91  | 0.0254 | P        | 2.0  |
| 4 | <input type="checkbox"/> | 125.000  | 128.401    | 541197.82  | 0.0631 | P        | 0.5  |
| 5 | <input type="checkbox"/> | 250.000  | 255.081    | 1079976.04 | 0.1254 | P        | 1.3  |
| 6 | <input type="checkbox"/> | 500.000  | 511.896    | 2168061.59 | 0.2517 | A        | 1.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 992.273    | 4314583.00 | 0.4880 | A        | 2.8  |
| 8 | <input type="checkbox"/> |          |            | 2383.60    | 0.0003 | P        | 14.7 |

$$y = 4.9176\text{E-}004 * x + 5.1326\text{E-}006$$

$$R = 0.9999$$

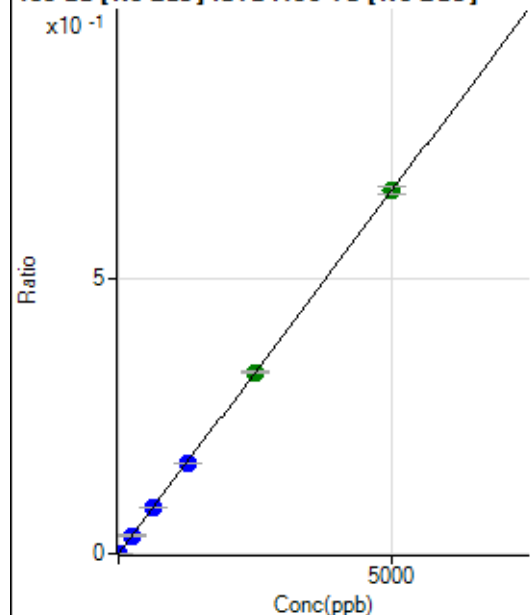
$$DL = 0.01894$$

$$BEC = 0.01044$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 19.44      | 0.0000 | P        | 64.6 |
| 2 | <input type="checkbox"/> | 10.000   | 10.057     | 11505.19   | 0.0013 | P        | 0.6  |
| 3 | <input type="checkbox"/> | 250.000  | 250.551    | 284625.87  | 0.0331 | P        | 1.2  |
| 4 | <input type="checkbox"/> | 625.000  | 633.278    | 717044.55  | 0.0837 | P        | 0.4  |
| 5 | <input type="checkbox"/> | 1250.000 | 1243.715   | 1414639.75 | 0.1643 | P        | 1.2  |
| 6 | <input type="checkbox"/> | 2500.000 | 2499.509   | 2844051.52 | 0.3302 | A        | 1.6  |
| 7 | <input type="checkbox"/> | 5000.000 | 5000.754   | 5841703.86 | 0.6607 | A        | 2.1  |
| 8 | <input type="checkbox"/> |          |            | 3433.86    | 0.0004 | P        | 7.0  |

$$y = 1.3211\text{E-}004 * x + 2.2376\text{E-}006$$

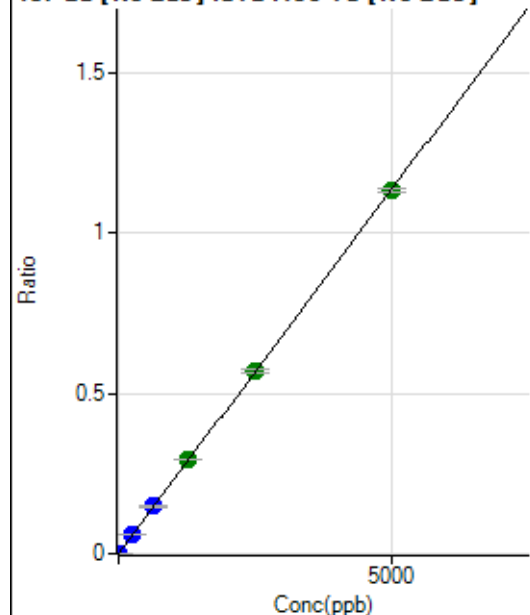
$$R = 1.0000$$

$$DL = 0.03284$$

$$BEC = 0.01694$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 25.00       | 0.0000 | P        | 32.6 |
| 2 | <input type="checkbox"/> | 10.000   | 10.160     | 19962.41    | 0.0023 | P        | 1.3  |
| 3 | <input type="checkbox"/> | 250.000  | 255.710    | 499080.01   | 0.0580 | P        | 2.1  |
| 4 | <input type="checkbox"/> | 625.000  | 648.106    | 1260896.85  | 0.1471 | P        | 0.8  |
| 5 | <input type="checkbox"/> | 1250.000 | 1286.208   | 2513989.62  | 0.2920 | A        | 0.4  |
| 6 | <input type="checkbox"/> | 2500.000 | 2508.995   | 4905180.45  | 0.5695 | A        | 1.3  |
| 7 | <input type="checkbox"/> | 5000.000 | 4983.276   | 10003512.81 | 1.1312 | A        | 1.2  |
| 8 | <input type="checkbox"/> |          |            | 6243.62     | 0.0007 | P        | 6.9  |

$$y = 2.2699E-004 * x + 2.8823E-006$$

$$R = 1.0000$$

$$DL = 0.01243$$

$$BEC = 0.0127$$

Weight: &lt;None&gt;

Min Conc: 0

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

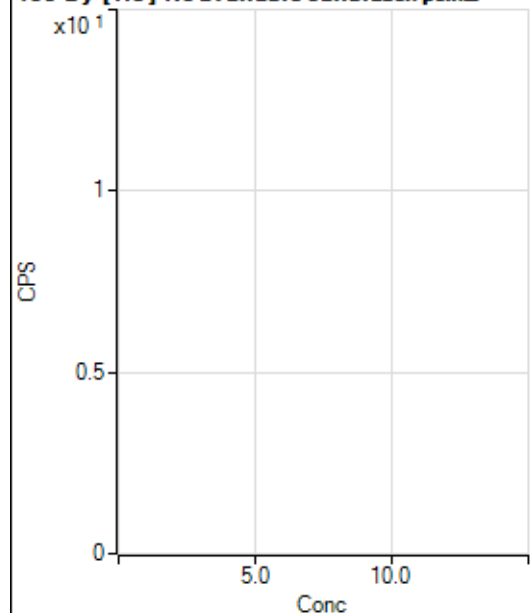
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 4.45   |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            | 17.78  |       | P        | 57.3 |
| 3 | <input type="checkbox"/> |       |            | 48.89  |       | P        | 28.4 |
| 4 | <input type="checkbox"/> |       |            | 120.00 |       | P        | 38.9 |
| 5 | <input type="checkbox"/> |       |            | 253.34 |       | P        | 4.6  |
| 6 | <input type="checkbox"/> |       |            | 484.46 |       | P        | 12.5 |
| 7 | <input type="checkbox"/> |       |            | 868.94 |       | P        | 9.9  |
| 8 | <input type="checkbox"/> |       |            | 40.00  |       | P        | 33.3 |

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

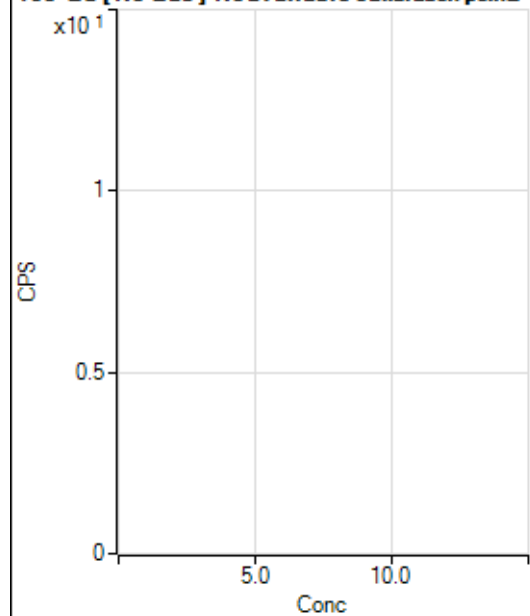
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 91.6 |
| 2 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 3 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 17.3 |
| 4 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 50.0 |
| 5 | <input type="checkbox"/> |       |            | 12.22 |       | P        | 15.7 |
| 6 | <input type="checkbox"/> |       |            | 32.22 |       | P        | 15.8 |
| 7 | <input type="checkbox"/> |       |            | 65.55 |       | P        | 10.6 |
| 8 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 52.9 |

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

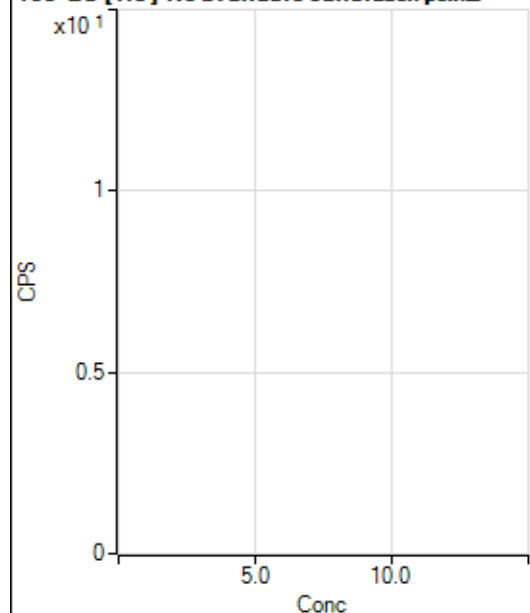
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|---------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 11.11   |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            | 11.11   |       | P        | 114. |
| 3 | <input type="checkbox"/> |       |            | 36.11   |       | P        | 26.7 |
| 4 | <input type="checkbox"/> |       |            | 69.45   |       | P        | 36.7 |
| 5 | <input type="checkbox"/> |       |            | 111.11  |       | P        | 11.5 |
| 6 | <input type="checkbox"/> |       |            | 244.46  |       | P        | 33.1 |
| 7 | <input type="checkbox"/> |       |            | 397.24  |       | P        | 10.3 |
| 8 | <input type="checkbox"/> |       |            | 1047.30 |       | P        | 9.8  |

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

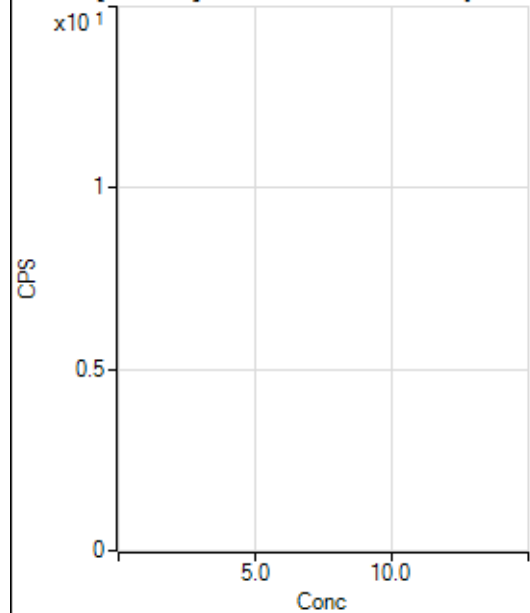
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 2.22   |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            | 1.11   |       | P        | 173. |
| 3 | <input type="checkbox"/> |       |            | 12.22  |       | P        | 31.5 |
| 4 | <input type="checkbox"/> |       |            | 17.78  |       | P        | 92.5 |
| 5 | <input type="checkbox"/> |       |            | 58.89  |       | P        | 19.9 |
| 6 | <input type="checkbox"/> |       |            | 76.67  |       | P        | 4.4  |
| 7 | <input type="checkbox"/> |       |            | 168.89 |       | P        | 11.9 |
| 8 | <input type="checkbox"/> |       |            | 514.46 |       | P        | 6.5  |

**160 Gd [No Gas] Noavailable calibration poin\_**

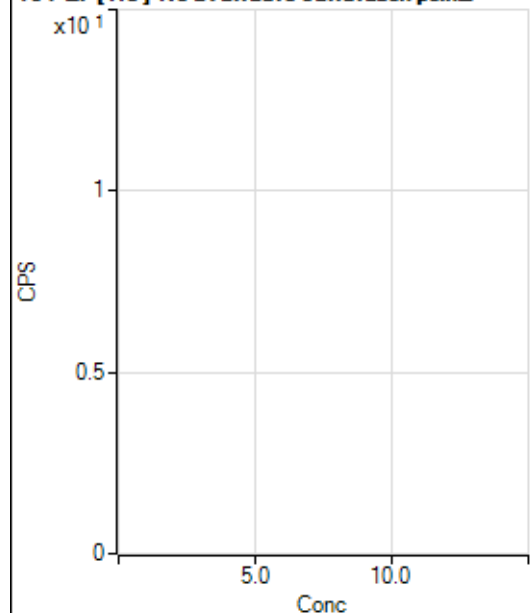
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|---------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 66.67   |       | P        | 12.5 |
| 2 | <input type="checkbox"/> |       |            | 47.22   |       | P        | 40.8 |
| 3 | <input type="checkbox"/> |       |            | 69.45   |       | P        | 25.0 |
| 4 | <input type="checkbox"/> |       |            | 72.22   |       | P        | 52.0 |
| 5 | <input type="checkbox"/> |       |            | 138.89  |       | P        | 3.5  |
| 6 | <input type="checkbox"/> |       |            | 208.34  |       | P        | 4.0  |
| 7 | <input type="checkbox"/> |       |            | 313.90  |       | P        | 18.1 |
| 8 | <input type="checkbox"/> |       |            | 1166.75 |       | P        | 10.5 |

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

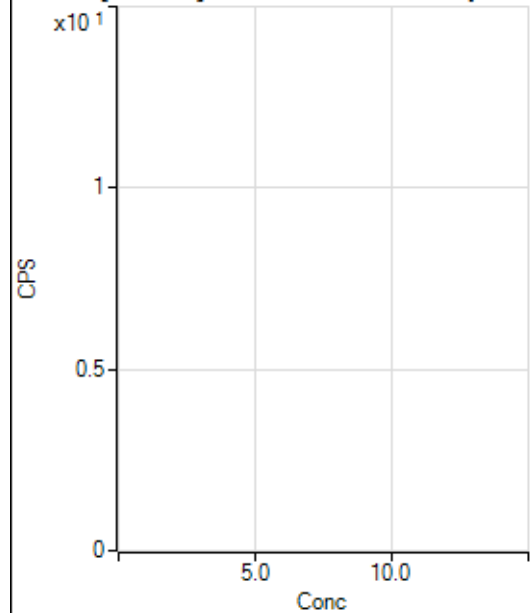
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 130.00 |       | P        | 16.0 |
| 2 | <input type="checkbox"/> |       |            | 131.11 |       | P        | 23.6 |
| 3 | <input type="checkbox"/> |       |            | 125.56 |       | P        | 17.7 |
| 4 | <input type="checkbox"/> |       |            | 134.45 |       | P        | 16.1 |
| 5 | <input type="checkbox"/> |       |            | 171.11 |       | P        | 10.7 |
| 6 | <input type="checkbox"/> |       |            | 204.45 |       | P        | 9.3  |
| 7 | <input type="checkbox"/> |       |            | 252.23 |       | P        | 7.5  |
| 8 | <input type="checkbox"/> |       |            | 687.80 |       | P        | 6.0  |

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

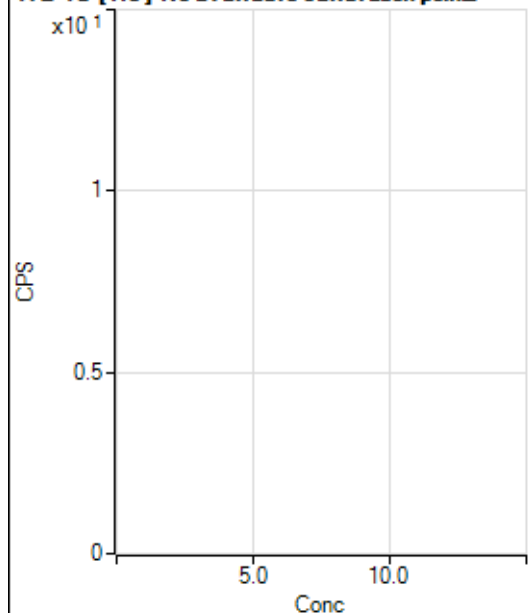
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 69.45  |       | P        | 25.0 |
| 2 | <input type="checkbox"/> |       |            | 58.34  |       | P        | 24.7 |
| 3 | <input type="checkbox"/> |       |            | 55.56  |       | P        | 60.6 |
| 4 | <input type="checkbox"/> |       |            | 63.89  |       | P        | 7.5  |
| 5 | <input type="checkbox"/> |       |            | 72.22  |       | P        | 6.7  |
| 6 | <input type="checkbox"/> |       |            | 75.00  |       | P        | 11.1 |
| 7 | <input type="checkbox"/> |       |            | 111.11 |       | P        | 8.7  |
| 8 | <input type="checkbox"/> |       |            | 122.23 |       | P        | 27.6 |

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

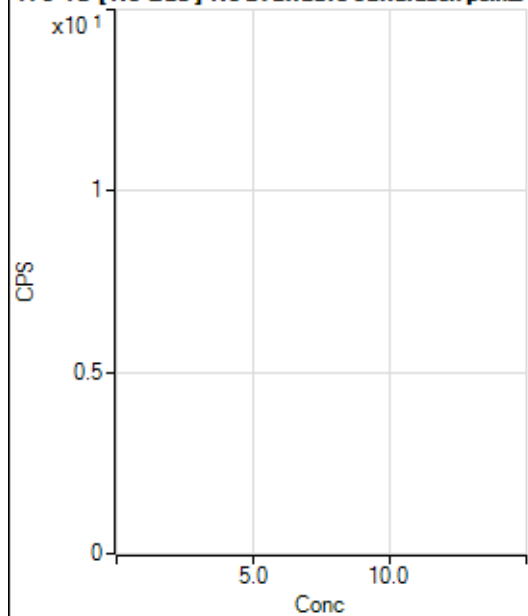
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 25.0 |
| 2 | <input type="checkbox"/> |       |            | 32.22 |       | P        | 15.8 |
| 3 | <input type="checkbox"/> |       |            | 38.89 |       | P        | 44.0 |
| 4 | <input type="checkbox"/> |       |            | 24.44 |       | P        | 67.3 |
| 5 | <input type="checkbox"/> |       |            | 32.22 |       | P        | 36.3 |
| 6 | <input type="checkbox"/> |       |            | 31.11 |       | P        | 30.9 |
| 7 | <input type="checkbox"/> |       |            | 33.33 |       | P        | 17.3 |
| 8 | <input type="checkbox"/> |       |            | 25.56 |       | P        | 39.8 |

**172 Yb [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 58.33  |       | P        | 28.6 |
| 2 | <input type="checkbox"/> |       |            | 52.78  |       | P        | 39.7 |
| 3 | <input type="checkbox"/> |       |            | 58.34  |       | P        | 51.5 |
| 4 | <input type="checkbox"/> |       |            | 47.22  |       | P        | 36.7 |
| 5 | <input type="checkbox"/> |       |            | 58.34  |       | P        | 28.6 |
| 6 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 16.4 |
| 7 | <input type="checkbox"/> |       |            | 127.78 |       | P        | 24.7 |
| 8 | <input type="checkbox"/> |       |            | 486.14 |       | P        | 25.7 |

**172 Yb [He] No available calibration points**

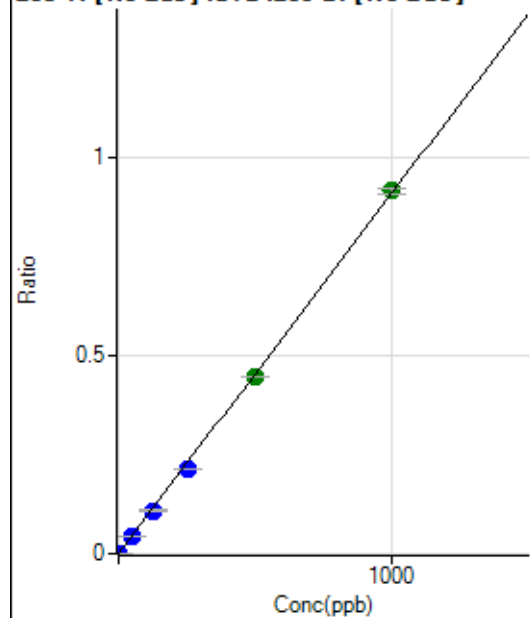
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 20.37  |       | P        | 78.7 |
| 2 | <input type="checkbox"/> |       |            | 24.07  |       | P        | 35.2 |
| 3 | <input type="checkbox"/> |       |            | 31.48  |       | P        | 20.4 |
| 4 | <input type="checkbox"/> |       |            | 50.00  |       | P        | 33.3 |
| 5 | <input type="checkbox"/> |       |            | 29.63  |       | P        | 28.6 |
| 6 | <input type="checkbox"/> |       |            | 38.89  |       | P        | 75.6 |
| 7 | <input type="checkbox"/> |       |            | 68.52  |       | P        | 38.3 |
| 8 | <input type="checkbox"/> |       |            | 235.19 |       | P        | 6.8  |

**176 Yb [No Gas] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 1841.86  |       | P        | 7.9 |
| 2 | <input type="checkbox"/> |       |            | 1722.38  |       | P        | 4.5 |
| 3 | <input type="checkbox"/> |       |            | 2600.33  |       | P        | 5.5 |
| 4 | <input type="checkbox"/> |       |            | 4131.32  |       | P        | 2.4 |
| 5 | <input type="checkbox"/> |       |            | 6465.64  |       | P        | 3.0 |
| 6 | <input type="checkbox"/> |       |            | 10743.57 |       | P        | 6.2 |
| 7 | <input type="checkbox"/> |       |            | 20786.32 |       | P        | 2.9 |
| 8 | <input type="checkbox"/> |       |            | 1894.63  |       | P        | 4.8 |

**176 Yb [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 9245.98  |       | P        | 3.8 |
| 2 | <input type="checkbox"/> |       |            | 9019.94  |       | P        | 9.0 |
| 3 | <input type="checkbox"/> |       |            | 9840.87  |       | P        | 2.1 |
| 4 | <input type="checkbox"/> |       |            | 10406.10 |       | P        | 1.8 |
| 5 | <input type="checkbox"/> |       |            | 11527.44 |       | P        | 1.0 |
| 6 | <input type="checkbox"/> |       |            | 14068.85 |       | P        | 3.0 |
| 7 | <input type="checkbox"/> |       |            | 18235.09 |       | P        | 1.7 |
| 8 | <input type="checkbox"/> |       |            | 9776.01  |       | P        | 3.3 |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 94.45      | 0.0000 | P        | 23.8 |
| 2 | <input type="checkbox"/> | 1.000    | 0.976      | 5023.37    | 0.0009 | P        | 5.1  |
| 3 | <input type="checkbox"/> | 50.000   | 46.193     | 233731.32  | 0.0419 | P        | 3.1  |
| 4 | <input type="checkbox"/> | 125.000  | 119.173    | 590781.45  | 0.1081 | P        | 2.2  |
| 5 | <input type="checkbox"/> | 250.000  | 235.788    | 1162740.94 | 0.2139 | P        | 0.5  |
| 6 | <input type="checkbox"/> | 500.000  | 493.010    | 2392060.56 | 0.4472 | A        | 0.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 1007.967   | 4857162.30 | 0.9144 | A        | 1.6  |
| 8 | <input type="checkbox"/> |          |            | 877.83     | 0.0002 | P        | 3.3  |

$$y = 9.0713E-004 * x + 1.6877E-005$$

$$R = 0.9999$$

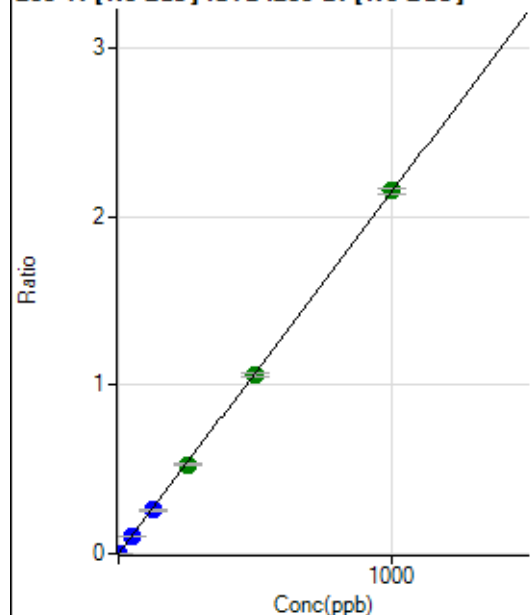
$$DL = 0.01327$$

$$BEC = 0.0186$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 252.79      | 0.0000 | P    | 11.8 |
| 2 | <input type="checkbox"/> | 1.000    | 0.912      | 11160.68    | 0.0020 | P    | 1.1  |
| 3 | <input type="checkbox"/> | 50.000   | 47.224     | 565898.27   | 0.1015 | P    | 2.0  |
| 4 | <input type="checkbox"/> | 125.000  | 120.486    | 1414360.67  | 0.2588 | P    | 1.5  |
| 5 | <input type="checkbox"/> | 250.000  | 247.036    | 2884522.90  | 0.5306 | A    | 1.3  |
| 6 | <input type="checkbox"/> | 500.000  | 495.894    | 5697074.82  | 1.0652 | A    | 1.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 1003.497   | 11449800.52 | 2.1554 | A    | 1.7  |
| 8 | <input type="checkbox"/> |          |            | 2019.66     | 0.0004 | P    | 16.3 |

$$y = 0.0021 * x + 4.4985E-005$$

$$R = 1.0000$$

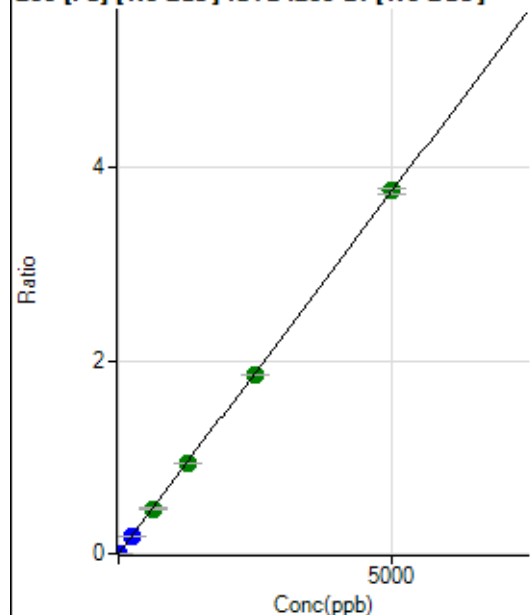
$$DL = 0.00742$$

$$BEC = 0.02094$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 451.87      | 0.0001 | P    | 2.8 |
| 2 | <input type="checkbox"/> | 1.000    | 0.891      | 4165.56     | 0.0007 | P    | 4.3 |
| 3 | <input type="checkbox"/> | 250.000  | 232.570    | 973085.00   | 0.1745 | P    | 2.5 |
| 4 | <input type="checkbox"/> | 625.000  | 619.963    | 2540931.34  | 0.4650 | A    | 2.8 |
| 5 | <input type="checkbox"/> | 1250.000 | 1252.180   | 5104946.01  | 0.9392 | A    | 1.5 |
| 6 | <input type="checkbox"/> | 2500.000 | 2473.862   | 9923411.91  | 1.8554 | A    | 0.3 |
| 7 | <input type="checkbox"/> | 5000.000 | 5014.025   | 19975060.63 | 3.7605 | A    | 1.3 |
| 8 | <input type="checkbox"/> |          |            | 3830.27     | 0.0008 | P    | 7.5 |

$$y = 7.4997E-004 * x + 8.0508E-005$$

$$R = 1.0000$$

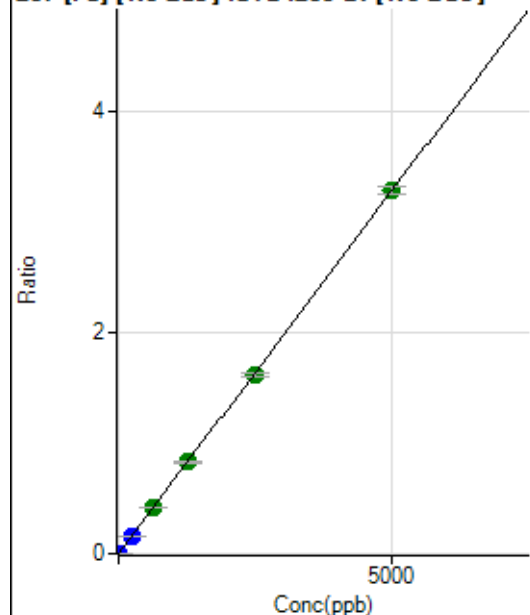
$$DL = 0.009116$$

$$BEC = 0.1073$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 398.16      | 0.0001 | P   | 19.6 |
| 2 | <input type="checkbox"/> | 1.000    | 0.933      | 3802.48     | 0.0007 | P   | 1.2  |
| 3 | <input type="checkbox"/> | 250.000  | 233.755    | 854633.17   | 0.1533 | P   | 2.8  |
| 4 | <input type="checkbox"/> | 625.000  | 639.924    | 2292181.65  | 0.4195 | A   | 1.3  |
| 5 | <input type="checkbox"/> | 1250.000 | 1263.096   | 4500123.28  | 0.8279 | A   | 0.8  |
| 6 | <input type="checkbox"/> | 2500.000 | 2479.239   | 8690532.95  | 1.6249 | A   | 2.1  |
| 7 | <input type="checkbox"/> | 5000.000 | 5006.053   | 17426833.14 | 3.2810 | A   | 2.3  |
| 8 | <input type="checkbox"/> |          |            | 3369.01     | 0.0007 | P   | 3.5  |

$$y = 6.5539\text{E-}004 * x + 7.1103\text{E-}005$$

$$R = 1.0000$$

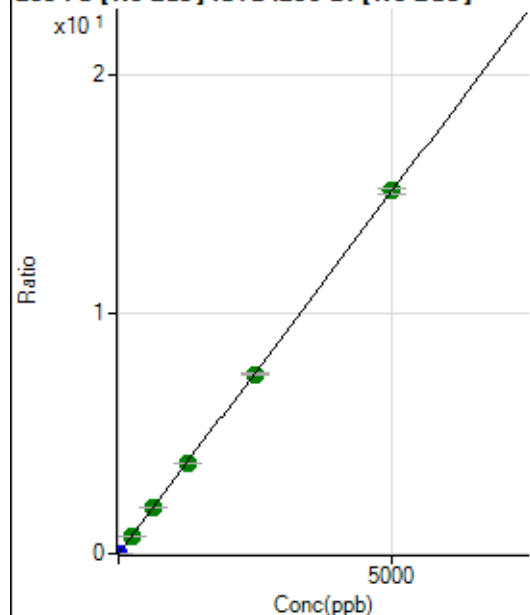
$$DL = 0.06365$$

$$BEC = 0.1085$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1794.53     | 0.0003  | P   | 2.6 |
| 2 | <input type="checkbox"/> | 1.000    | 0.923      | 17306.77    | 0.0031  | P   | 1.8 |
| 3 | <input type="checkbox"/> | 250.000  | 241.682    | 4074095.67  | 0.7305  | A   | 1.7 |
| 4 | <input type="checkbox"/> | 625.000  | 633.780    | 10465179.95 | 1.9152  | A   | 1.7 |
| 5 | <input type="checkbox"/> | 1250.000 | 1252.206   | 20566973.81 | 3.7837  | A   | 1.3 |
| 6 | <input type="checkbox"/> | 2500.000 | 2473.616   | 39974389.32 | 7.4741  | A   | 1.2 |
| 7 | <input type="checkbox"/> | 5000.000 | 5011.959   | 80436668.35 | 15.1435 | A   | 1.4 |
| 8 | <input type="checkbox"/> |          |            | 15426.22    | 0.0031  | P   | 6.6 |

$$y = 0.0030 * x + 3.1988\text{E-}004$$

$$R = 1.0000$$

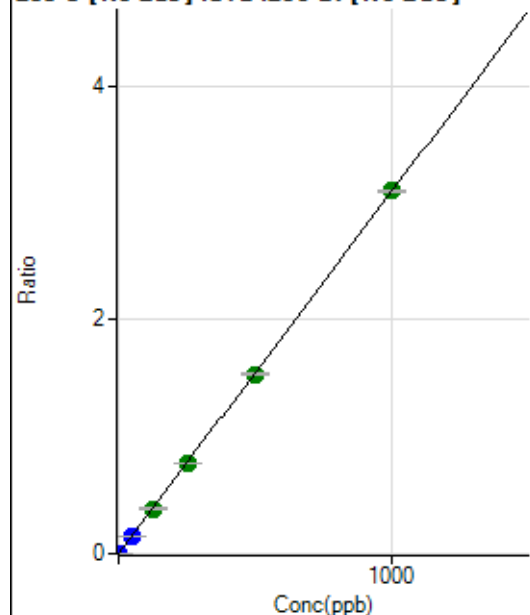
$$DL = 0.008292$$

$$BEC = 0.1059$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 38.89       | 0.0000 | P   | 11.5 |
| 2 | <input type="checkbox"/> | 1.000    | 0.927      | 15993.79    | 0.0029 | P   | 3.2  |
| 3 | <input type="checkbox"/> | 50.000   | 46.286     | 798185.36   | 0.1431 | P   | 1.4  |
| 4 | <input type="checkbox"/> | 125.000  | 124.416    | 2101796.36  | 0.3846 | A   | 1.8  |
| 5 | <input type="checkbox"/> | 250.000  | 250.161    | 4204030.22  | 0.7734 | A   | 1.5  |
| 6 | <input type="checkbox"/> | 500.000  | 495.179    | 8187846.88  | 1.5309 | A   | 0.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 1002.629   | 16465057.66 | 3.0997 | A   | 0.7  |
| 8 | <input type="checkbox"/> |          |            | 916.73      | 0.0002 | P   | 19.9 |

$$y = 0.0031 * x + 6.9257E-006$$

$$R = 1.0000$$

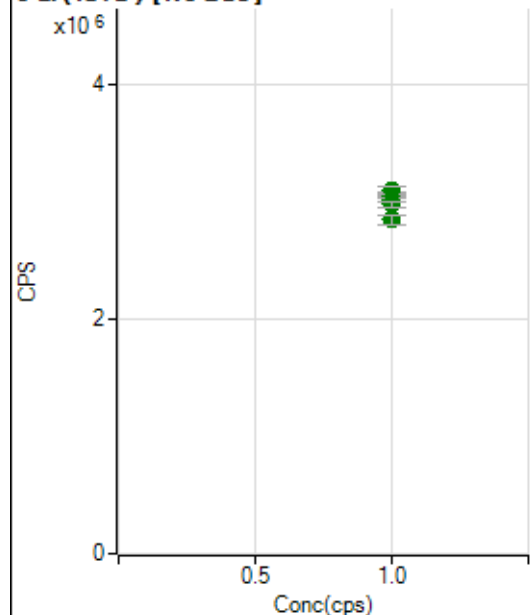
$$DL = 0.0007703$$

$$BEC = 0.00224$$

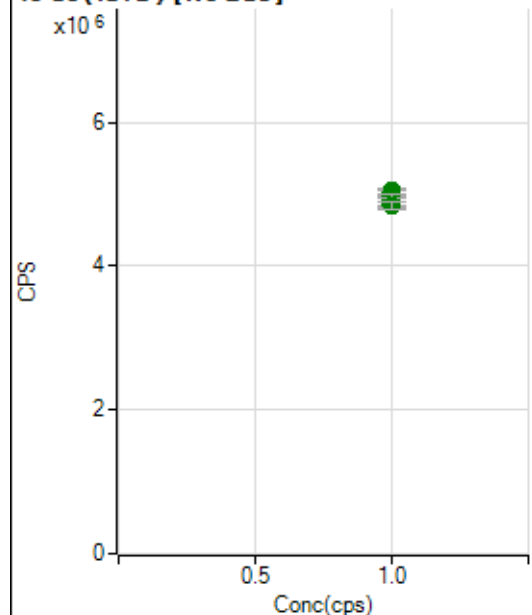
Weight: &lt;None&gt;

Min Conc: 0

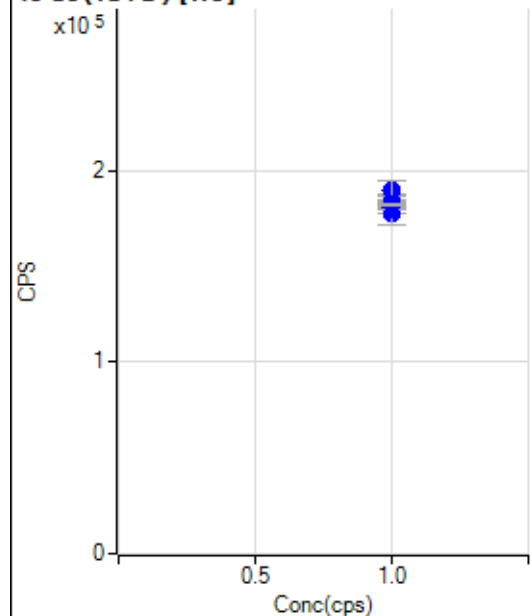
6 Li (ISTD) [No Gas]



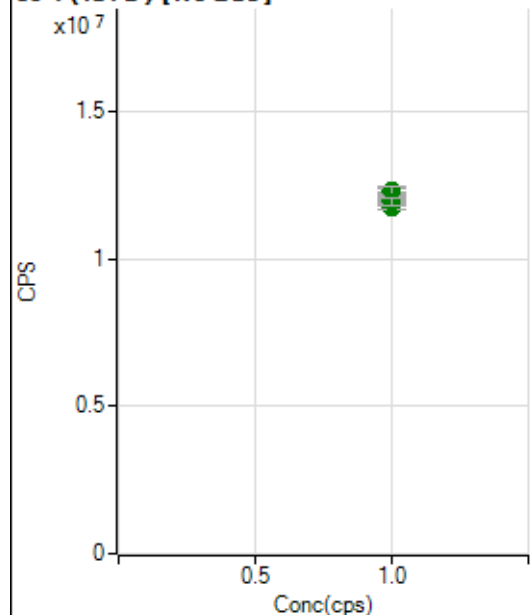
|   | R <sub>j</sub><br>ct     | Conc. | Calc Conc. | CPS        | Ratio | Det | RSD |
|---|--------------------------|-------|------------|------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3028776.28 |       | A   | 1.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3062041.60 |       | A   | 0.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3054849.48 |       | A   | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3086915.00 |       | A   | 2.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3041821.60 |       | A   | 1.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3014308.53 |       | A   | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2969743.81 |       | A   | 2.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2841867.92 |       | A   | 2.9 |

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

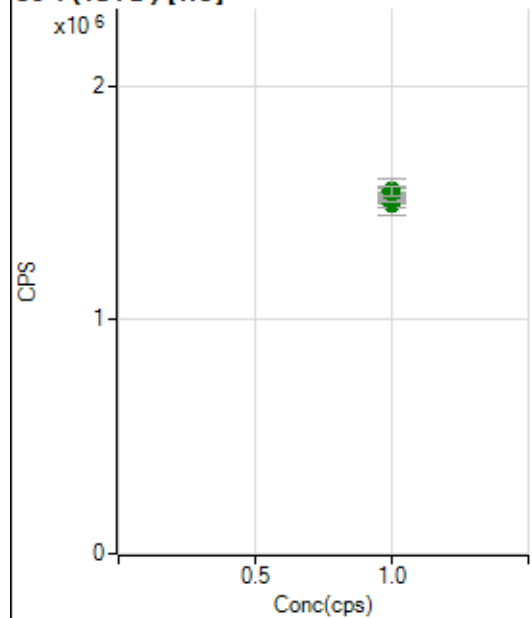
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5043017.81 |       | A        | 1.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4976638.26 |       | A        | 1.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 5022414.86 |       | A        | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4985559.68 |       | A        | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4869834.13 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4906474.09 |       | A        | 3.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4963272.60 |       | A        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4828913.61 |       | A        | 2.2 |

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

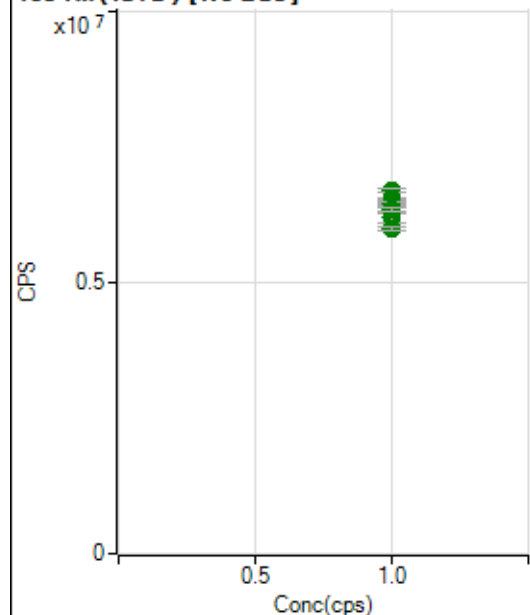
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 187072.78 |       | P        | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 177773.13 |       | P        | 7.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 189371.43 |       | P        | 5.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 182520.20 |       | P        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 179537.96 |       | P        | 1.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 179534.50 |       | P        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 180661.83 |       | P        | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 182297.86 |       | P        | 0.7 |

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

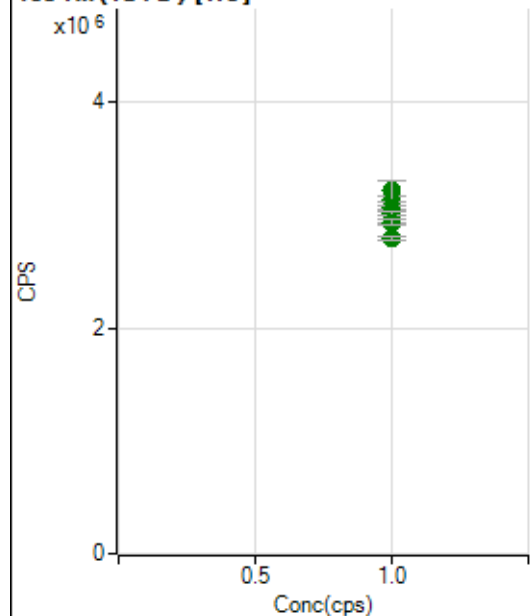
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 12320366.48 |       | A        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 12135995.51 |       | A        | 0.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 11992127.88 |       | A        | 1.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 12066358.84 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 12002346.90 |       | A        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11778870.52 |       | A        | 1.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 12291655.51 |       | A        | 2.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 11953811.91 |       | A        | 2.1 |

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

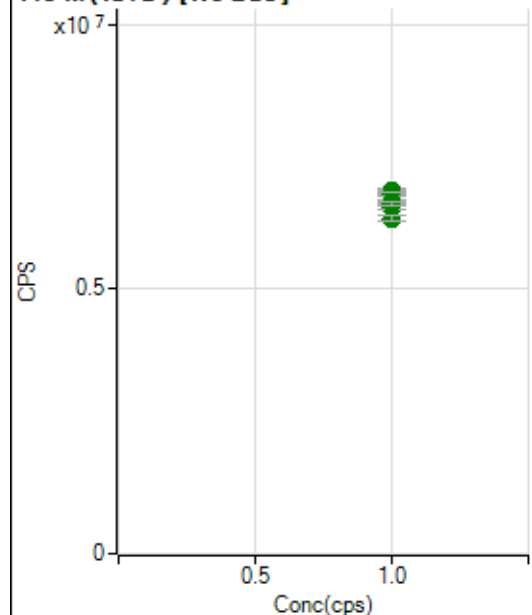
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1536873.71 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1495880.95 |       | A        | 6.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1551040.08 |       | A        | 6.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1543312.30 |       | A        | 2.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1513290.52 |       | A        | 2.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1492608.00 |       | A        | 1.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1510671.16 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1548730.79 |       | A        | 2.6 |

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

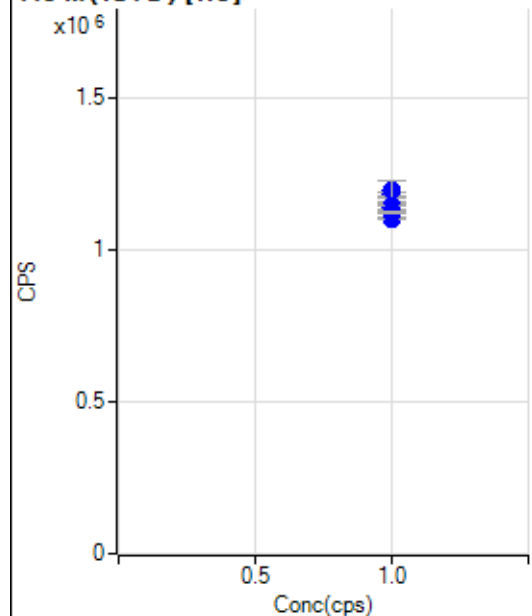
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6683279.66 |       | A        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 6532490.03 |       | A        | 1.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6545047.32 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6472442.33 |       | A        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6444515.07 |       | A        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6194516.81 |       | A        | 2.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6333422.49 |       | A        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5994393.97 |       | A        | 1.4 |

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

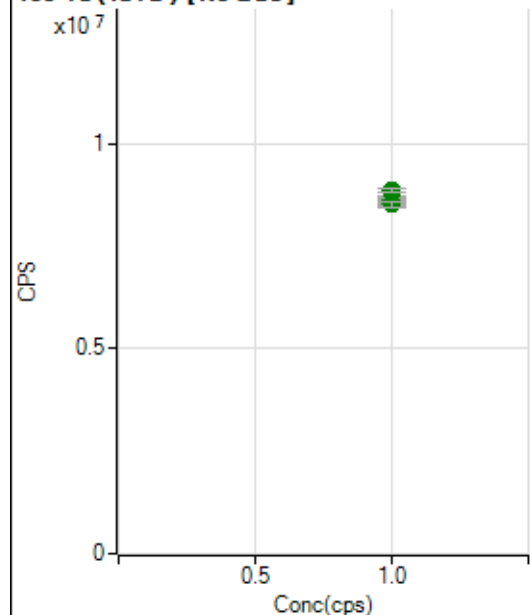
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3142348.60 |       | A        | 2.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3023043.64 |       | A        | 6.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3213532.56 |       | A        | 5.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3068527.63 |       | A        | 1.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3023533.67 |       | A        | 1.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3015978.36 |       | A        | 1.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2936976.52 |       | A        | 2.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2797747.60 |       | A        | 1.3 |

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

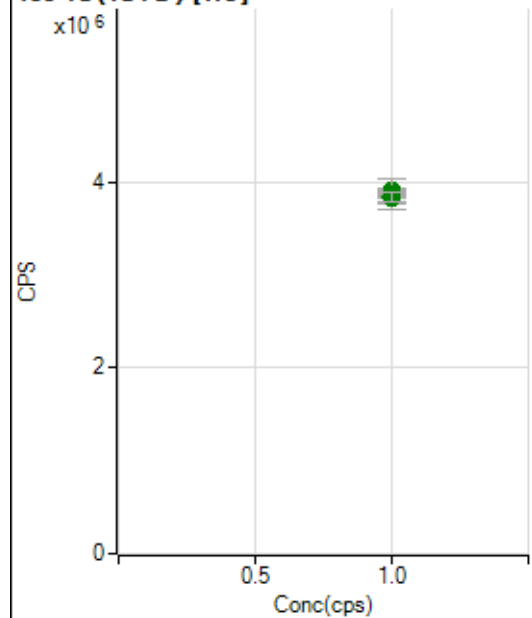
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6850680.20 |       | A        | 1.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 6840744.31 |       | A        | 0.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6783346.45 |       | A        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6643346.39 |       | A        | 1.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6585490.12 |       | A        | 2.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6544641.71 |       | A        | 1.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6619305.61 |       | A        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6333781.00 |       | A        | 2.1 |

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

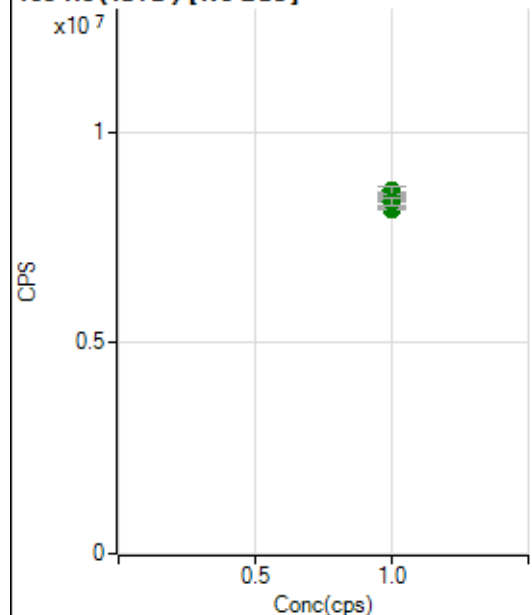
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1182445.94 |       | P        | 1.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1137992.16 |       | P        | 5.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1195138.97 |       | P        | 5.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1144632.65 |       | P        | 1.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1141649.76 |       | P        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1129626.15 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1102937.82 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1122649.35 |       | P        | 0.4 |

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

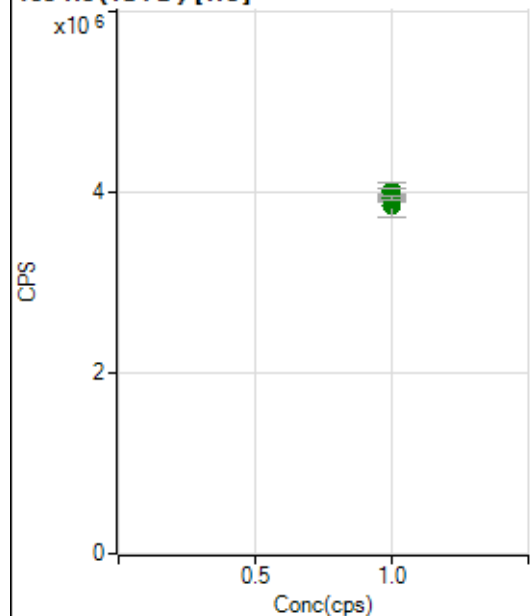
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8662296.33 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 8644405.70 |       | A        | 1.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 8599068.55 |       | A        | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8570461.47 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8611241.33 |       | A        | 2.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8613314.60 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8843204.03 |       | A        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8513023.97 |       | A        | 1.8 |

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

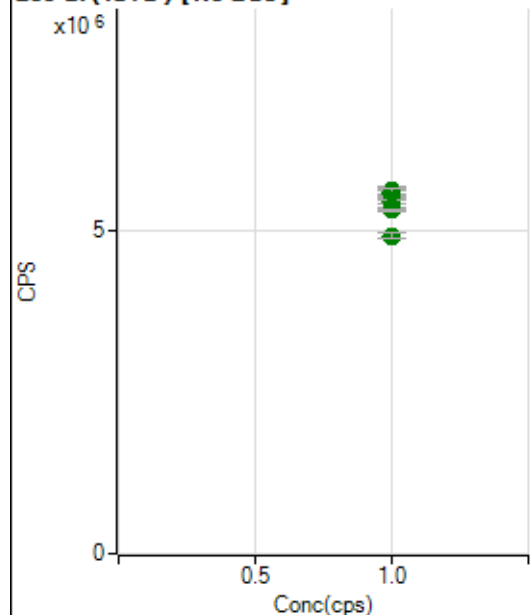
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3868160.05 |       | A        | 2.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3824552.03 |       | A        | 6.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3907601.30 |       | A        | 6.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3873768.48 |       | A        | 2.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3875337.79 |       | A        | 2.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3874133.38 |       | A        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3852563.59 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3840981.85 |       | A        | 2.4 |

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

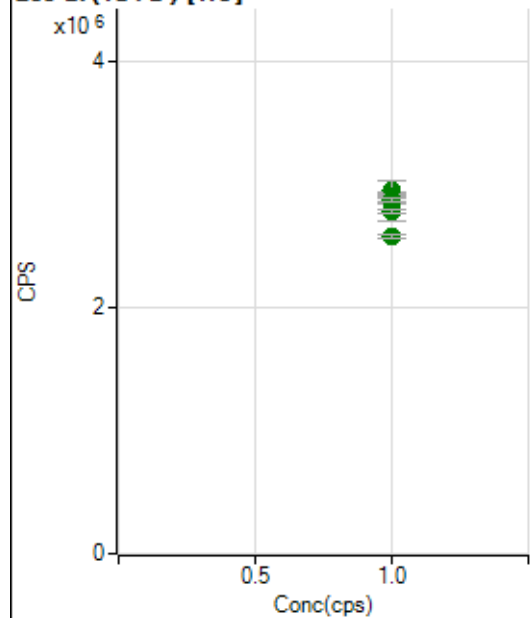
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8523724.58 |       | A        | 1.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 8399738.64 |       | A        | 1.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 8355405.40 |       | A        | 2.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8170680.48 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8379136.56 |       | A        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8382892.98 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8604757.92 |       | A        | 2.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8353204.70 |       | A        | 1.9 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3967479.87 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3847383.59 |       | A        | 6.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4008191.26 |       | A        | 4.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3933091.89 |       | A        | 2.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3966328.45 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3991320.50 |       | A        | 2.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3913056.36 |       | A        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3933639.87 |       | A        | 1.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5611453.11 |       | A        | 2.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 5567999.02 |       | A        | 1.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 5578272.90 |       | A        | 2.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5465148.60 |       | A        | 1.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5435981.65 |       | A        | 1.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5348402.14 |       | A        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5311677.91 |       | A        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4921065.80 |       | A        | 1.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2921884.71 |       | A        | 1.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2799463.83 |       | A        | 7.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2950335.09 |       | A        | 5.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2849070.79 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2912876.59 |       | A        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2877834.09 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2781119.05 |       | A        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2583867.18 |       | A        | 1.3 |