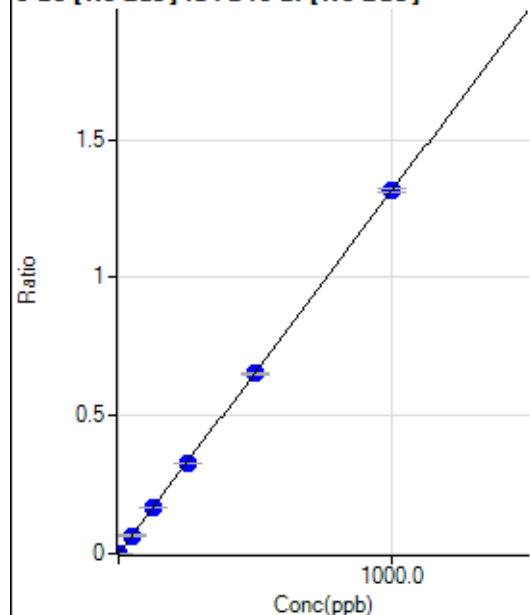


Batch Folder: D:\ICP-MS Data\P7022117-ICPMS .b\  
Analysis File: P7022117-ICPMS .batch.bin  
DA Date-Time: 2017-02-22 14:15:36  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File       | Sample Name | Acq. Date-Time      |
|-------|--------------------------|-------------|---------------------|
| 1     | 002CALB P7022117-ICPMS.D | S00         | 2017-02-21 14:57:04 |
| 2     |                          |             |                     |
| 3     | 004CAL5 P7022117-ICPMS.D | S02         | 2017-02-21 15:04:54 |
| 4     | 005CAL5 P7022117-ICPMS.D | S03         | 2017-02-21 15:08:49 |
| 5     | 006CAL5 P7022117-ICPMS.D | S04         | 2017-02-21 15:12:43 |
| 6     | 007CAL5 P7022117-ICPMS.D | S05         | 2017-02-21 15:16:35 |
| 7     | 008CAL5 P7022117-ICPMS.D | S06         | 2017-02-21 15:20:24 |
| 8     | 009CAL5 P7022117-ICPMS.D | S07         | 2017-02-21 15:24:09 |
| 9     | 010CAL5 P7022117-ICPMS.D | S08         | 2017-02-21 15:27:51 |

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      | 18.52     | 0.0000 | P   | 35.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.998      | 670.40    | 0.0013 | P   | 5.0  |
| 4 | <input type="checkbox"/> | 50.000   | 49.954     | 32498.22  | 0.0657 | P   | 1.7  |
| 5 | <input type="checkbox"/> | 125.000  | 126.678    | 82052.25  | 0.1664 | P   | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 250.731    | 163888.64 | 0.3294 | P   | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 497.917    | 326509.18 | 0.6541 | P   | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.651   | 639519.19 | 1.3144 | P   | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 200.01    | 0.0004 | P   | 18.4 |

$$y = 0.0013 * x + 3.8880E-005$$

$$R = 1.0000$$

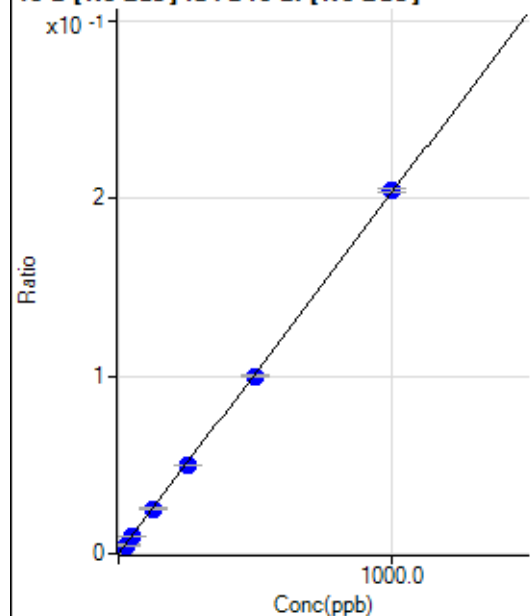
$$DL = 0.03115$$

$$BEC = 0.0296$$

Weight: &lt;None&gt;

Min Conc: 0

10 B [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      | 33.34    | 0.0001 | P   | 24.4 |
| 2 | <input type="checkbox"/> | 2.500    |            |          |        |     |      |
| 3 | <input type="checkbox"/> | 25.000   | 23.470     | 2403.06  | 0.0048 | P   | 2.8  |
| 4 | <input type="checkbox"/> | 50.000   | 46.999     | 4759.28  | 0.0096 | P   | 4.9  |
| 5 | <input type="checkbox"/> | 125.000  | 123.502    | 12399.94 | 0.0252 | P   | 2.7  |
| 6 | <input type="checkbox"/> | 250.000  | 244.231    | 24715.33 | 0.0497 | P   | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 492.592    | 49975.21 | 0.1001 | P   | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1005.522   | 99391.88 | 0.2043 | P   | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 2983.74  | 0.0065 | P   | 14.1 |

$$y = 2.0309E-004 * x + 6.9821E-005$$

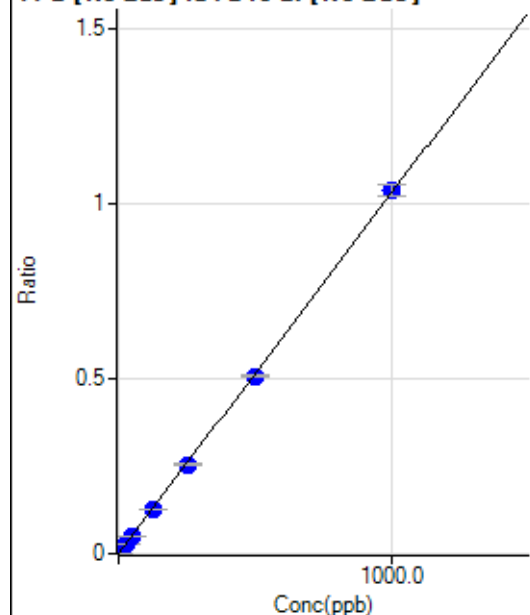
$$R = 0.9999$$

$$DL = 0.2512$$

$$BEC = 0.3438$$

Weight: &lt;None&gt;

Min Conc: 0

**11 B [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      | 108.34    | 0.0002 | P   | 38.0 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 25.000   | 24.433     | 12641.92  | 0.0254 | P   | 1.7  |
| 4 | <input type="checkbox"/> | 50.000   | 47.710     | 24484.42  | 0.0495 | P   | 2.6  |
| 5 | <input type="checkbox"/> | 125.000  | 122.961    | 62672.04  | 0.1271 | P   | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 247.171    | 127044.32 | 0.2553 | P   | 1.4  |
| 7 | <input type="checkbox"/> | 500.000  | 491.165    | 253160.37 | 0.5071 | P   | 1.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 1005.508   | 504914.20 | 1.0379 | P   | 3.0  |
| 9 | <input type="checkbox"/> |          |            | 15411.22  | 0.0334 | P   | 10.8 |

$$y = 0.0010 * x + 2.2694E-004$$

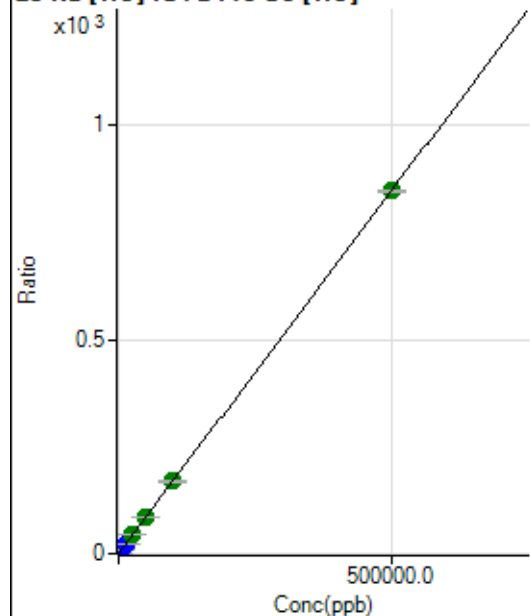
$$R = 0.9999$$

$$DL = 0.2507$$

$$BEC = 0.2199$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|-------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 4492.51     | 0.0374   | P   | 3.6 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |     |     |
| 3 | <input type="checkbox"/> | 500.000   | 496.722    | 107225.53   | 0.8781   | P   | 1.4 |
| 4 | <input type="checkbox"/> | 5000.000  | 5083.416   | 1042779.52  | 8.6412   | P   | 0.1 |
| 5 | <input type="checkbox"/> | 12500.000 | 12915.774  | 2607554.86  | 21.8977  | P   | 1.2 |
| 6 | <input type="checkbox"/> | 25000.000 | 25623.514  | 5185932.45  | 43.4059  | A   | 1.2 |
| 7 | <input type="checkbox"/> | 50000.000 | 50786.626  | 10331170.63 | 85.9951  | A   | 0.7 |
| 8 | <input type="checkbox"/> | 100000.00 | 99856.031  | 20489288.13 | 169.0463 | A   | 1.1 |
| 9 | <input type="checkbox"/> | 500000.00 | 499907.73  | 98754396.65 | 846.1441 | A   | 0.3 |

$$y = 0.0017 * x + 0.0374$$

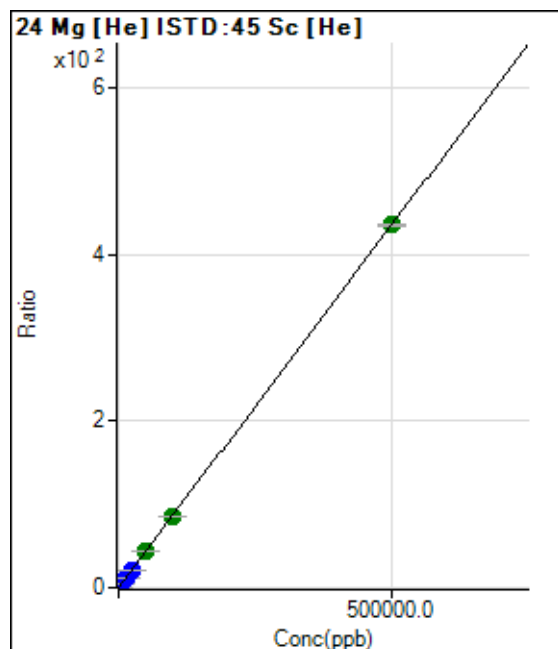
$$R = 1.0000$$

$$DL = 2.36$$

$$BEC = 22.1$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|----------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 86.11       | 0.0007   | P   | 39.5 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |     |      |
| 3 | <input type="checkbox"/> | 500.000   | 492.395    | 52414.70    | 0.4293   | P   | 0.3  |
| 4 | <input type="checkbox"/> | 5000.000  | 4994.455   | 524655.32   | 4.3477   | P   | 0.2  |
| 5 | <input type="checkbox"/> | 12500.000 | 12716.220  | 1318037.32  | 11.0684  | P   | 0.9  |
| 6 | <input type="checkbox"/> | 25000.000 | 24837.539  | 2582895.13  | 21.6182  | P   | 0.6  |
| 7 | <input type="checkbox"/> | 50000.000 | 49958.157  | 5223815.57  | 43.4821  | A   | 0.7  |
| 8 | <input type="checkbox"/> | 100000.00 | 98350.479  | 10375082.70 | 85.6007  | A   | 1.2  |
| 9 | <input type="checkbox"/> | 500000.00 | 500336.86  | 50824194.54 | 435.4720 | A   | 0.5  |

$$y = 8.7036\text{E-}004 * x + 7.1803\text{E-}004$$

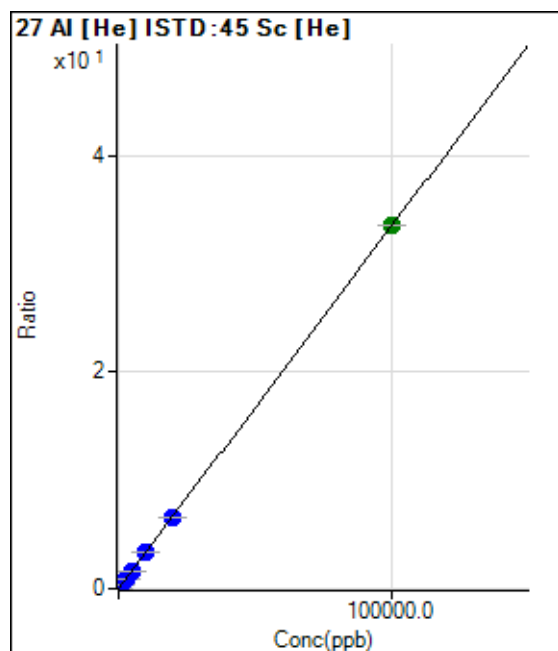
R = 1.0000

DL = 0.9776

BEC = 0.825

Weight: <None>

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|-----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 25.00      | 0.0002  | P   | 33.7 |
| 2 | <input type="checkbox"/> | 2.000     |            |            |         |     |      |
| 3 | <input type="checkbox"/> | 20.000    | 19.040     | 802.83     | 0.0066  | P   | 11.2 |
| 4 | <input type="checkbox"/> | 1000.000  | 982.359    | 39686.81   | 0.3289  | P   | 1.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2504.740   | 99803.75   | 0.8382  | P   | 2.4  |
| 6 | <input type="checkbox"/> | 5000.000  | 4964.462   | 198477.15  | 1.6612  | P   | 0.4  |
| 7 | <input type="checkbox"/> | 10000.000 | 9939.350   | 399527.38  | 3.3256  | P   | 0.9  |
| 8 | <input type="checkbox"/> | 20000.000 | 19627.105  | 795937.76  | 6.5668  | P   | 0.9  |
| 9 | <input type="checkbox"/> | 100000.00 | 100082.47  | 3908070.14 | 33.4846 | A   | 0.1  |

$$y = 3.3457\text{E-}004 * x + 2.0841\text{E-}004$$

R = 1.0000

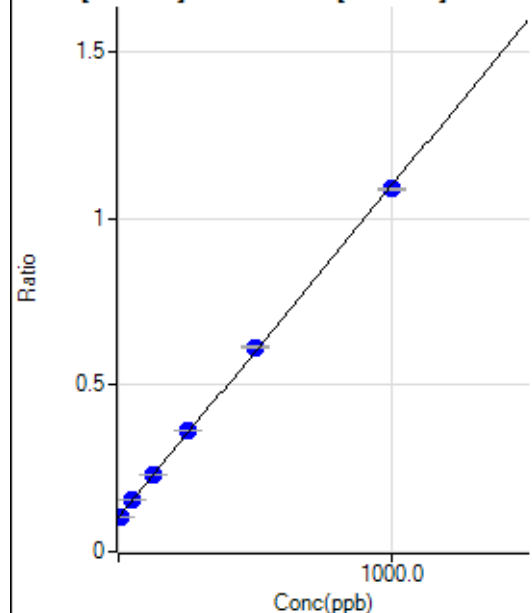
DL = 0.6307

BEC = 0.6229

Weight: <None>

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 279754.82  | 0.1031 | P   | 0.5 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 10.000   | 0.379      | 288486.11  | 0.1035 | P   | 1.7 |
| 4 | <input type="checkbox"/> | 50.000   | 53.858     | 434229.51  | 0.1568 | P   | 0.9 |
| 5 | <input type="checkbox"/> | 125.000  | 129.508    | 635314.93  | 0.2321 | P   | 0.5 |
| 6 | <input type="checkbox"/> | 250.000  | 261.442    | 989598.14  | 0.3635 | P   | 0.5 |
| 7 | <input type="checkbox"/> | 500.000  | 513.174    | 1677194.22 | 0.6142 | P   | 0.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 989.892    | 2949889.63 | 1.0889 | P   | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 327804.80  | 0.1249 | P   | 0.6 |

$$y = 9.9587\text{E-}004 * x + 0.1031$$

$$R = 0.9997$$

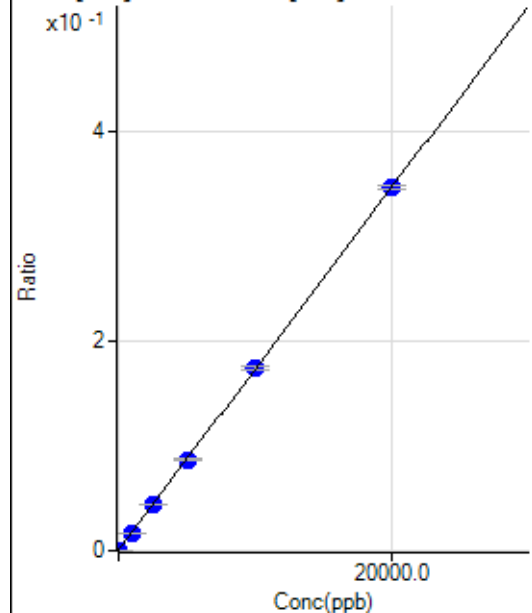
$$DL = 1.665$$

$$BEC = 103.6$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 3.630      | 75.00    | 0.0006 | P   | 21.7 |
| 2 | <input type="checkbox"/> | 0.000     |            |          |        |     |      |
| 3 | <input type="checkbox"/> | 0.000     | -3.630     | 61.11    | 0.0005 | P   | 77.3 |
| 4 | <input type="checkbox"/> | 1000.000  | 936.666    | 2025.22  | 0.0168 | P   | 3.9  |
| 5 | <input type="checkbox"/> | 2500.000  | 2486.426   | 5195.55  | 0.0436 | P   | 2.0  |
| 6 | <input type="checkbox"/> | 5000.000  | 4994.986   | 10401.25 | 0.0871 | P   | 3.0  |
| 7 | <input type="checkbox"/> | 10000.000 | 10038.740  | 20954.30 | 0.1744 | P   | 1.5  |
| 8 | <input type="checkbox"/> | 20000.000 | 19986.747  | 42021.22 | 0.3467 | P   | 1.1  |
| 9 | <input type="checkbox"/> |           |            | 52.78    | 0.0005 | P   | 32.8 |

$$y = 1.7318\text{E-}005 * x + 5.6128\text{E-}004$$

$$R = 1.0000$$

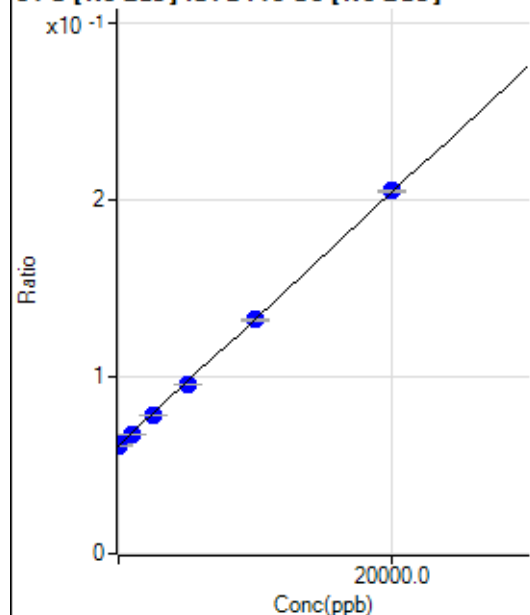
$$DL = 45.14$$

$$BEC = 32.41$$

Weight: &lt;None&gt;

Min Conc: 0

34 S [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     | 46.947     | 167260.89 | 0.0617 | P   | 1.8 |
| 2 | <input type="checkbox"/> | 0.000     |            |           |        |     |     |
| 3 | <input type="checkbox"/> | 0.000     | -46.947    | 169991.45 | 0.0610 | P   | 0.6 |
| 4 | <input type="checkbox"/> | 1000.000  | 861.488    | 186910.20 | 0.0675 | P   | 0.2 |
| 5 | <input type="checkbox"/> | 2500.000  | 2310.241   | 213014.52 | 0.0778 | P   | 0.3 |
| 6 | <input type="checkbox"/> | 5000.000  | 4820.007   | 260654.08 | 0.0957 | P   | 0.5 |
| 7 | <input type="checkbox"/> | 10000.000 | 9907.508   | 360644.11 | 0.1321 | P   | 0.3 |
| 8 | <input type="checkbox"/> | 20000.000 | 20121.889  | 555350.47 | 0.2050 | P   | 0.7 |
| 9 | <input type="checkbox"/> |           |            | 168062.48 | 0.0641 | P   | 1.9 |

$$y = 7.1402\text{E-}006 * x + 0.0613$$

R = 0.9999

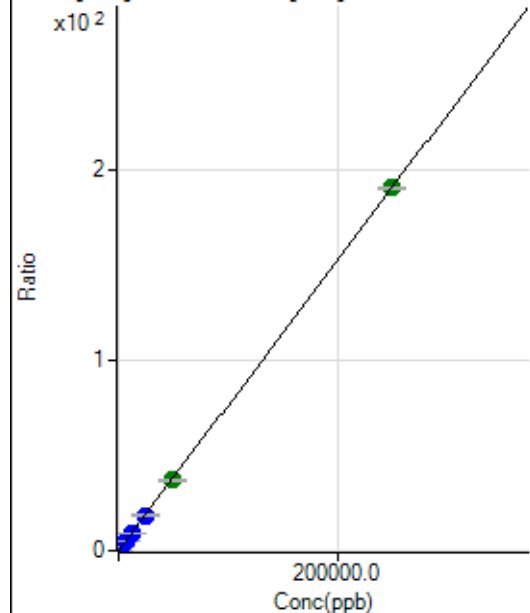
DL = 321.6

BEC = 8589

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|-------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 8641.76     | 0.0720   | P   | 3.6 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |     |     |
| 3 | <input type="checkbox"/> | 500.000   | 477.268    | 53237.89    | 0.4360   | P   | 1.8 |
| 4 | <input type="checkbox"/> | 2500.000  | 2441.752   | 233466.71   | 1.9347   | P   | 0.3 |
| 5 | <input type="checkbox"/> | 6250.000  | 6214.555   | 573088.30   | 4.8128   | P   | 1.5 |
| 6 | <input type="checkbox"/> | 12500.000 | 12346.131  | 1133856.85  | 9.4903   | P   | 1.1 |
| 7 | <input type="checkbox"/> | 25000.000 | 24412.220  | 2246004.67  | 18.6950  | P   | 0.6 |
| 8 | <input type="checkbox"/> | 50000.000 | 48605.759  | 4502844.76  | 37.1513  | A   | 1.3 |
| 9 | <input type="checkbox"/> | 250000.00 | 250346.83  | 22297471.50 | 191.0511 | A   | 0.7 |

$$y = 7.6286\text{E-}004 * x + 0.0720$$

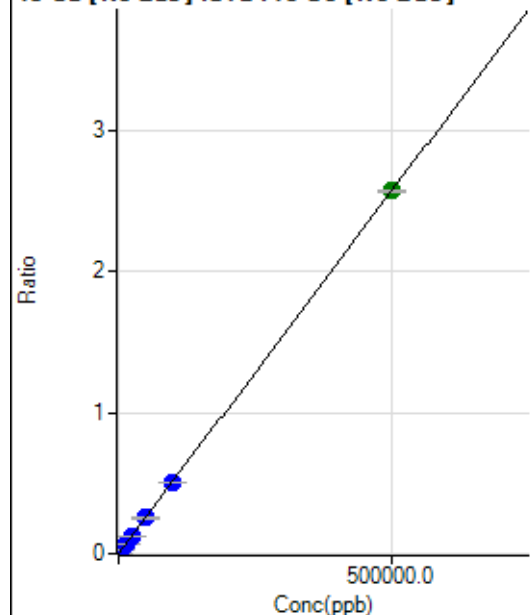
R = 1.0000

DL = 10.07

BEC = 94.33

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      | 58.34      | 0.0000 | P   | 28.4 |
| 2 | <input type="checkbox"/> | 50.000    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 500.000   | 478.722    | 6926.88    | 0.0025 | P   | 6.1  |
| 4 | <input type="checkbox"/> | 5000.000  | 4797.196   | 68455.61   | 0.0247 | P   | 1.3  |
| 5 | <input type="checkbox"/> | 12500.000 | 12451.771  | 175494.44  | 0.0641 | P   | 1.0  |
| 6 | <input type="checkbox"/> | 25000.000 | 24815.788  | 347810.02  | 0.1278 | P   | 0.2  |
| 7 | <input type="checkbox"/> | 50000.000 | 49252.387  | 692334.76  | 0.2535 | P   | 1.0  |
| 8 | <input type="checkbox"/> | 100000.00 | 98503.025  | 1373565.23 | 0.5070 | P   | 0.5  |
| 9 | <input type="checkbox"/> | 500000.00 | 500386.62  | 6758155.88 | 2.5756 | A   | 0.4  |

$$y = 5.1472\text{E-}006 * x + 2.1500\text{E-}005$$

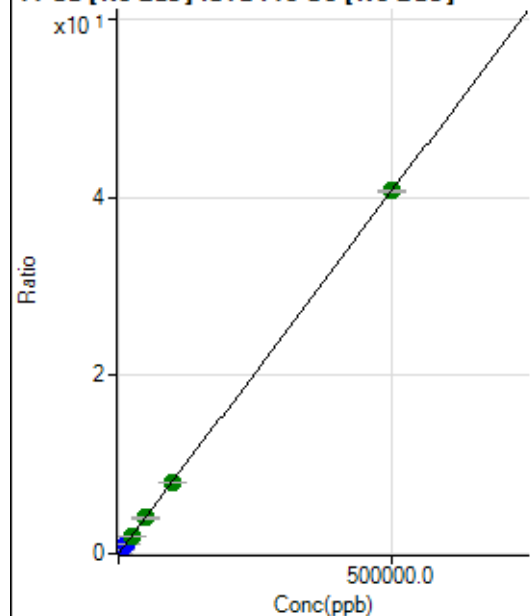
$$R = 1.0000$$

$$DL = 3.558$$

$$BEC = 4.177$$

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      | 4373.07     | 0.0016  | P   | 7.3 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |     |     |
| 3 | <input type="checkbox"/> | 500.000   | 474.533    | 112103.28   | 0.0402  | P   | 0.2 |
| 4 | <input type="checkbox"/> | 5000.000  | 4838.182   | 1094833.18  | 0.3953  | P   | 0.6 |
| 5 | <input type="checkbox"/> | 12500.000 | 12254.695  | 2733589.51  | 0.9987  | P   | 0.1 |
| 6 | <input type="checkbox"/> | 25000.000 | 24687.424  | 5472742.27  | 2.0102  | A   | 0.7 |
| 7 | <input type="checkbox"/> | 50000.000 | 49101.957  | 10913796.34 | 3.9966  | A   | 0.4 |
| 8 | <input type="checkbox"/> | 100000.00 | 98448.883  | 21702666.63 | 8.0115  | A   | 0.8 |
| 9 | <input type="checkbox"/> | 500000.00 | 500423.43  | 106835303.7 | 40.7165 | A   | 0.5 |

$$y = 8.1361\text{E-}005 * x + 0.0016$$

$$R = 1.0000$$

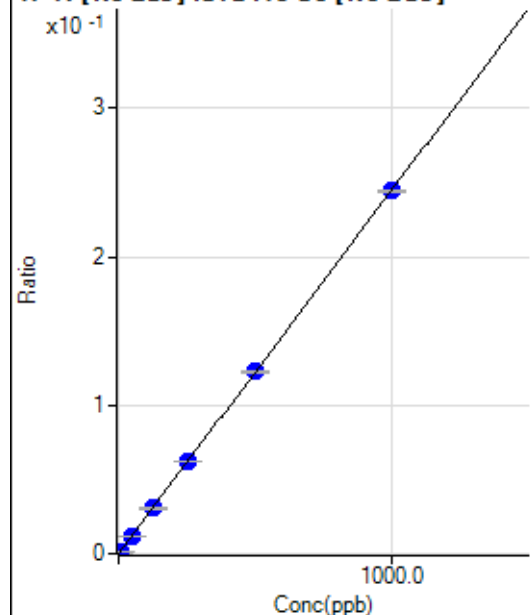
$$DL = 4.327$$

$$BEC = 19.81$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 127.78    | 0.0000 | P   | 26.3 |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.518      | 3211.59   | 0.0012 | P   | 1.5  |
| 4 | <input type="checkbox"/> | 50.000   | 48.145     | 32753.88  | 0.0118 | P   | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 124.325    | 83377.04  | 0.0305 | P   | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 254.114    | 169366.98 | 0.0622 | P   | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 500.584    | 334528.48 | 0.1225 | P   | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.859    | 662062.69 | 0.2444 | P   | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 680.61    | 0.0003 | P   | 13.5 |

$$y = 2.4463E-004 * x + 4.7098E-005$$

$$R = 1.0000$$

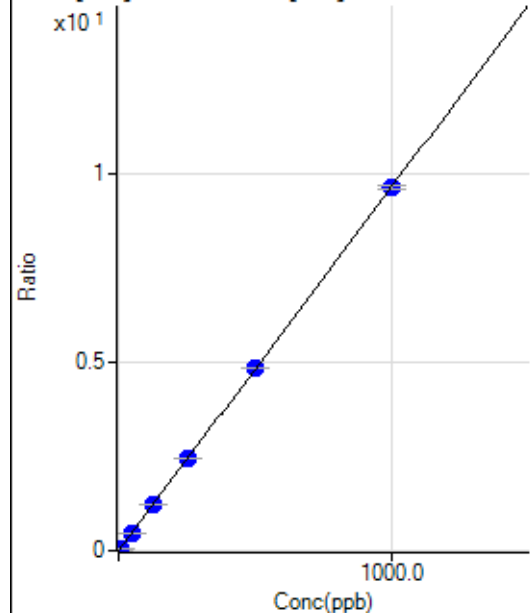
$$DL = 0.1516$$

$$BEC = 0.1925$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD   |
|---|--------------------------|----------|------------|------------|--------|-----|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3.33       | 0.0000 | P   | 100.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |       |
| 3 | <input type="checkbox"/> | 5.000    | 4.752      | 5605.59    | 0.0459 | P   | 4.6   |
| 4 | <input type="checkbox"/> | 50.000   | 49.271     | 57421.30   | 0.4758 | P   | 1.2   |
| 5 | <input type="checkbox"/> | 125.000  | 126.206    | 145134.96  | 1.2188 | P   | 1.1   |
| 6 | <input type="checkbox"/> | 250.000  | 253.393    | 292367.80  | 2.4471 | P   | 1.0   |
| 7 | <input type="checkbox"/> | 500.000  | 502.187    | 582632.00  | 4.8497 | P   | 0.3   |
| 8 | <input type="checkbox"/> | 1000.000 | 997.945    | 1168085.89 | 9.6372 | P   | 1.0   |
| 9 | <input type="checkbox"/> |          |            | 228.90     | 0.0020 | P   | 14.3  |

$$y = 0.0097 * x + 2.7789E-005$$

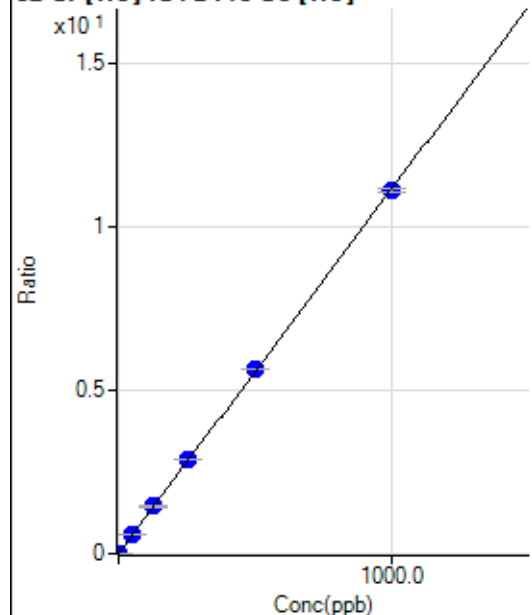
$$R = 1.0000$$

$$DL = 0.008665$$

$$BEC = 0.002878$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 322.23     | 0.0027  | P   | 17.1 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.953      | 2982.57    | 0.0244  | P   | 4.2  |
| 4 | <input type="checkbox"/> | 50.000   | 50.345     | 67988.11   | 0.5634  | P   | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 129.743    | 172392.89  | 1.4477  | P   | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 256.819    | 342061.59  | 2.8630  | P   | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 504.676    | 675599.01  | 5.6235  | P   | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.347    | 1343974.70 | 11.0883 | P   | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 9705.56    | 0.0832  | P   | 1.4  |

$$y = 0.0111 * x + 0.0027$$

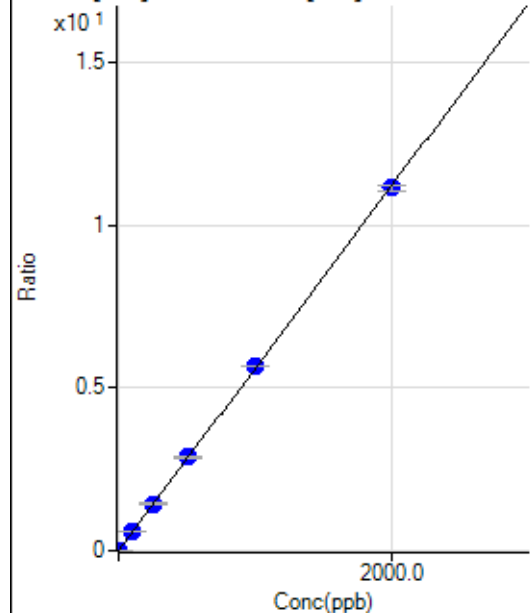
$$R = 1.0000$$

$$DL = 0.1234$$

$$BEC = 0.2408$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 25.56      | 0.0002  | P   | 30.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.994      | 705.59     | 0.0058  | P   | 4.9  |
| 4 | <input type="checkbox"/> | 100.000  | 101.060    | 68334.44   | 0.5663  | P   | 0.3  |
| 5 | <input type="checkbox"/> | 250.000  | 257.372    | 171690.24  | 1.4418  | P   | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 513.230    | 343483.63  | 2.8749  | P   | 0.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 1012.480   | 681330.99  | 5.6713  | P   | 0.7  |
| 8 | <input type="checkbox"/> | 2000.000 | 1989.478   | 1350654.43 | 11.1436 | P   | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 4587.45    | 0.0393  | P   | 4.1  |

$$y = 0.0056 * x + 2.1302E-004$$

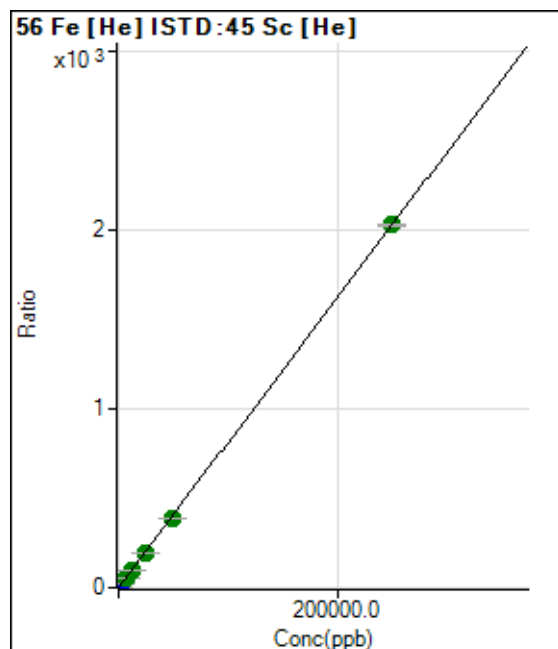
$$R = 0.9999$$

$$DL = 0.03476$$

$$BEC = 0.03803$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio     | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1550.13     | 0.0129    | P    | 2.9 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 51.162     | 52155.72    | 0.4272    | P    | 2.2 |
| 4 | <input type="checkbox"/> | 2500.000  | 2514.042   | 2458101.41  | 20.3696   | P    | 0.4 |
| 5 | <input type="checkbox"/> | 6250.000  | 6229.031   | 6007532.25  | 50.4505   | A    | 1.3 |
| 6 | <input type="checkbox"/> | 12500.000 | 12391.002  | 11988896.91 | 100.3451  | A    | 0.7 |
| 7 | <input type="checkbox"/> | 25000.000 | 24308.819  | 23648752.84 | 196.8458  | A    | 0.6 |
| 8 | <input type="checkbox"/> | 50000.000 | 47958.748  | 47067902.90 | 388.3435  | A    | 1.4 |
| 9 | <input type="checkbox"/> | 250000.00 | 250483.20  | 236716368.2 | 2,028.220 | A    | 0.3 |

$$y = 0.0081 * x + 0.0129$$

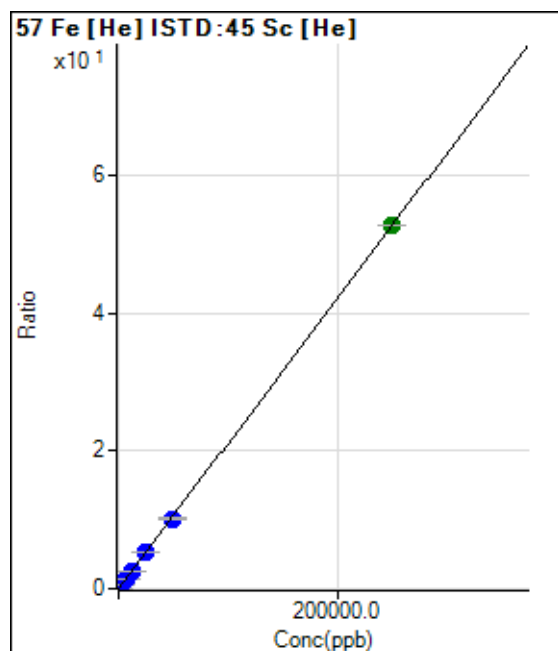
$$R = 1.0000$$

$$DL = 0.1408$$

$$BEC = 1.594$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 29.63      | 0.0002  | P    | 10.3 |
| 2 | <input type="checkbox"/> | 5.000     |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 50.000    | 51.187     | 1346.40    | 0.0110  | P    | 6.0  |
| 4 | <input type="checkbox"/> | 2500.000  | 2462.224   | 62624.18   | 0.5189  | P    | 0.5  |
| 5 | <input type="checkbox"/> | 6250.000  | 6268.316   | 157277.43  | 1.3208  | P    | 0.9  |
| 6 | <input type="checkbox"/> | 12500.000 | 12495.850  | 314537.96  | 2.6327  | P    | 1.4  |
| 7 | <input type="checkbox"/> | 25000.000 | 24589.153  | 622361.33  | 5.1803  | P    | 0.3  |
| 8 | <input type="checkbox"/> | 50000.000 | 48388.769  | 1235566.52 | 10.1940 | P    | 1.0  |
| 9 | <input type="checkbox"/> | 250000.00 | 250363.45  | 6155783.88 | 52.7429 | A    | 0.1  |

$$y = 2.1066E-004 * x + 2.4666E-004$$

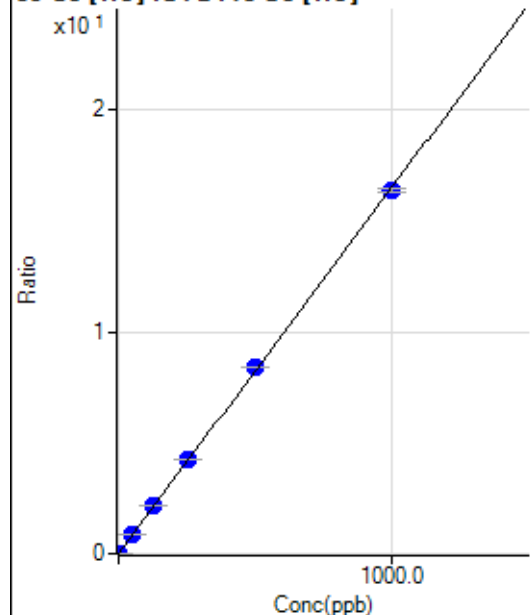
$$R = 1.0000$$

$$DL = 0.3628$$

$$BEC = 1.171$$

Weight: <None>

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      | 70.00      | 0.0006  | P   | 17.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.983      | 2051.29    | 0.0168  | P   | 2.3  |
| 4 | <input type="checkbox"/> | 50.000   | 51.489     | 102557.42  | 0.8499  | P   | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 130.841    | 257068.53  | 2.1587  | P   | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 259.309    | 511096.42  | 4.2778  | P   | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 509.773    | 1010247.93 | 8.4090  | P   | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 991.982    | 1983290.16 | 16.3628 | P   | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 1311.19    | 0.0112  | P   | 6.1  |

$$y = 0.0165 * x + 5.8307E-004$$

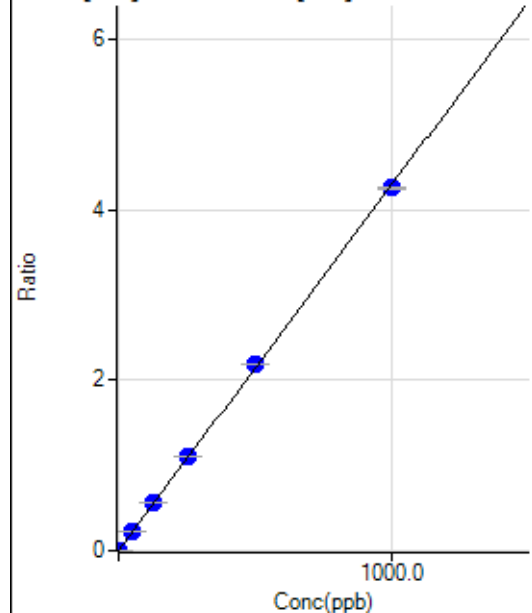
$$R = 0.9999$$

$$DL = 0.01842$$

$$BEC = 0.03535$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 48.89     | 0.0004 | P   | 13.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.049      | 598.91    | 0.0049 | P   | 2.5  |
| 4 | <input type="checkbox"/> | 50.000   | 50.973     | 26432.86  | 0.2190 | P   | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 130.222    | 66559.27  | 0.5590 | P   | 1.5  |
| 6 | <input type="checkbox"/> | 250.000  | 257.905    | 132213.63 | 1.1066 | P   | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 510.198    | 262960.99 | 2.1888 | P   | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.223    | 515900.99 | 4.2563 | P   | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 1977.94   | 0.0169 | P   | 4.4  |

$$y = 0.0043 * x + 4.0697E-004$$

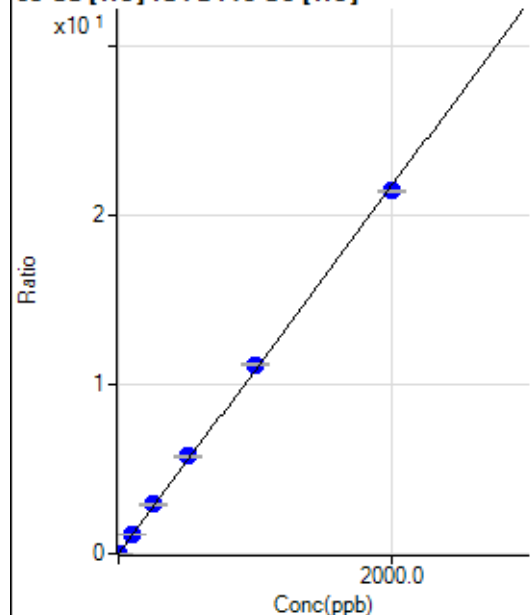
$$R = 0.9999$$

$$DL = 0.03916$$

$$BEC = 0.09488$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>63</sup>Cu [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD |
|---|--------------------------|----------|------------|------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 144.45     | 0.0012  | P   | 3.0 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |     |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.175      | 3029.25    | 0.0248  | P   | 3.2 |
| 4 | <input type="checkbox"/> | 100.000  | 105.095    | 137748.42  | 1.1415  | P   | 0.7 |
| 5 | <input type="checkbox"/> | 250.000  | 268.352    | 346854.98  | 2.9128  | P   | 1.2 |
| 6 | <input type="checkbox"/> | 500.000  | 529.767    | 686898.74  | 5.7492  | P   | 1.1 |
| 7 | <input type="checkbox"/> | 1000.000 | 1030.735   | 1343698.97 | 11.1847 | P   | 0.7 |
| 8 | <input type="checkbox"/> | 2000.000 | 1974.642   | 2597101.35 | 21.4261 | P   | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 3758.32    | 0.0322  | P   | 4.6 |

$$y = 0.0109 * x + 0.0012$$

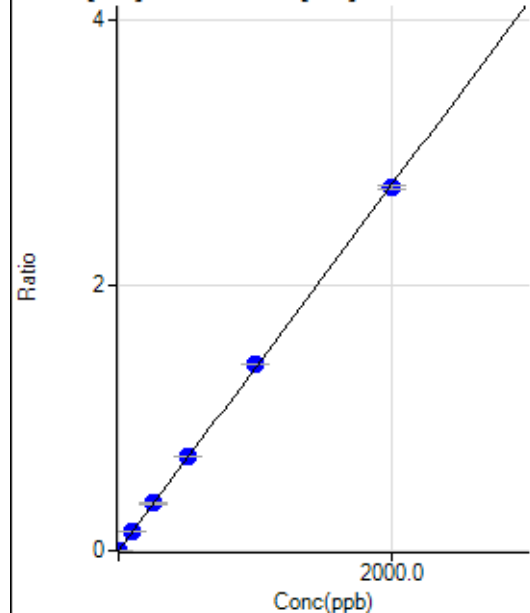
$$R = 0.9997$$

$$DL = 0.01008$$

$$BEC = 0.1109$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>66</sup>Zn [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 28.89     | 0.0002 | P   | 46.9 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.949      | 356.68    | 0.0029 | P   | 2.7  |
| 4 | <input type="checkbox"/> | 100.000  | 102.915    | 17106.86  | 0.1418 | P   | 1.9  |
| 5 | <input type="checkbox"/> | 250.000  | 259.178    | 42466.14  | 0.3566 | P   | 1.6  |
| 6 | <input type="checkbox"/> | 500.000  | 515.628    | 84743.83  | 0.7093 | P   | 0.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 1019.044   | 168375.95 | 1.4015 | P   | 0.5  |
| 8 | <input type="checkbox"/> | 2000.000 | 1985.278   | 330907.21 | 2.7302 | P   | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 2699.18   | 0.0231 | P   | 2.0  |

$$y = 0.0014 * x + 2.4093E-004$$

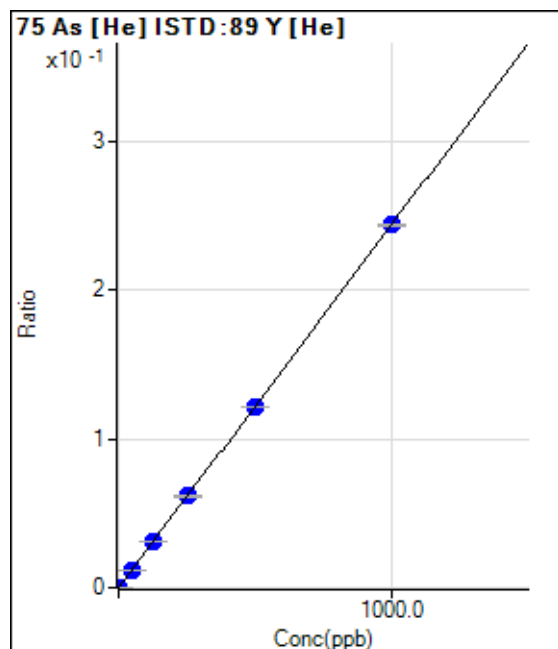
$$R = 0.9999$$

$$DL = 0.2466$$

$$BEC = 0.1752$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 4.32      | 0.0000 | P   | 65.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.012      | 138.27    | 0.0003 | P   | 12.6 |
| 4 | <input type="checkbox"/> | 50.000   | 48.510     | 6373.05   | 0.0118 | P   | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 124.657    | 16159.66  | 0.0304 | P   | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 252.259    | 32645.21  | 0.0615 | P   | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 499.501    | 65137.39  | 0.1218 | P   | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.802    | 131160.54 | 0.2437 | P   | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 187.04    | 0.0004 | P   | 16.1 |

$$y = 2.4378\text{E-}004 * x + 8.1103\text{E-}006$$

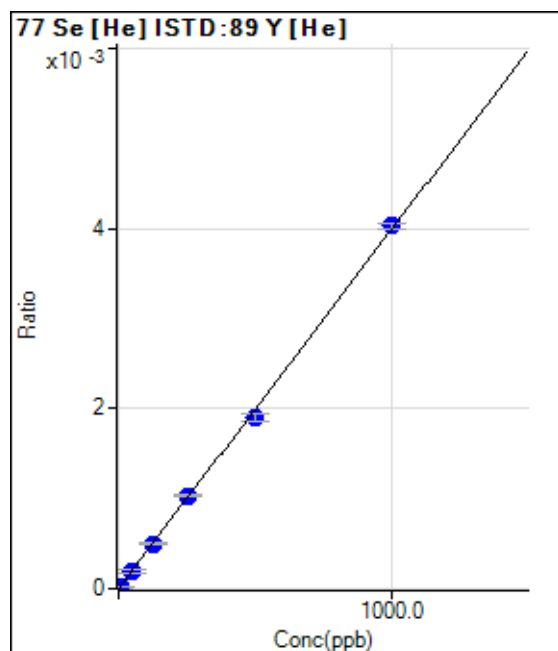
$$R = 1.0000$$

$$DL = 0.06544$$

$$BEC = 0.03327$$

Weight: <None>

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS     | Ratio  | Det | RSD   |
|---|--------------------------|----------|------------|---------|--------|-----|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1.11    | 0.0000 | P   | 173.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |     |       |
| 3 | <input type="checkbox"/> | 5.000    | 4.612      | 11.11   | 0.0000 | P   | 46.1  |
| 4 | <input type="checkbox"/> | 50.000   | 47.073     | 102.23  | 0.0002 | P   | 24.5  |
| 5 | <input type="checkbox"/> | 125.000  | 124.202    | 264.45  | 0.0005 | P   | 2.2   |
| 6 | <input type="checkbox"/> | 250.000  | 259.277    | 550.02  | 0.0010 | P   | 1.1   |
| 7 | <input type="checkbox"/> | 500.000  | 474.978    | 1014.50 | 0.0019 | P   | 4.5   |
| 8 | <input type="checkbox"/> | 1000.000 | 1010.440   | 2170.20 | 0.0040 | P   | 1.9   |
| 9 | <input type="checkbox"/> |          |            | 4.44    | 0.0000 | P   | 114.6 |

$$y = 3.9885\text{E-}006 * x + 2.0916\text{E-}006$$

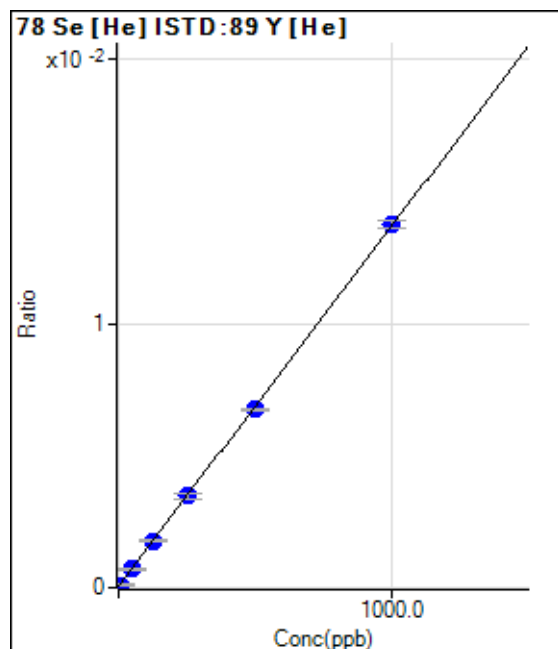
$$R = 0.9995$$

$$DL = 2.725$$

$$BEC = 0.5244$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS     | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|---------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 25.93   | 0.0000 | P   | 0.3  |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.016      | 56.18   | 0.0001 | P   | 19.7 |
| 4 | <input type="checkbox"/> | 50.000   | 49.713     | 391.37  | 0.0007 | P   | 10.3 |
| 5 | <input type="checkbox"/> | 125.000  | 126.362    | 942.01  | 0.0018 | P   | 2.2  |
| 6 | <input type="checkbox"/> | 250.000  | 250.252    | 1837.17 | 0.0035 | P   | 4.8  |
| 7 | <input type="checkbox"/> | 500.000  | 492.646    | 3619.62 | 0.0068 | P   | 1.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.463   | 7389.59 | 0.0137 | P   | 2.0  |
| 9 | <input type="checkbox"/> |          |            | 48.77   | 0.0001 | P   | 15.9 |

$$y = 1.3637\text{E-}005 * x + 4.8698\text{E-}005$$

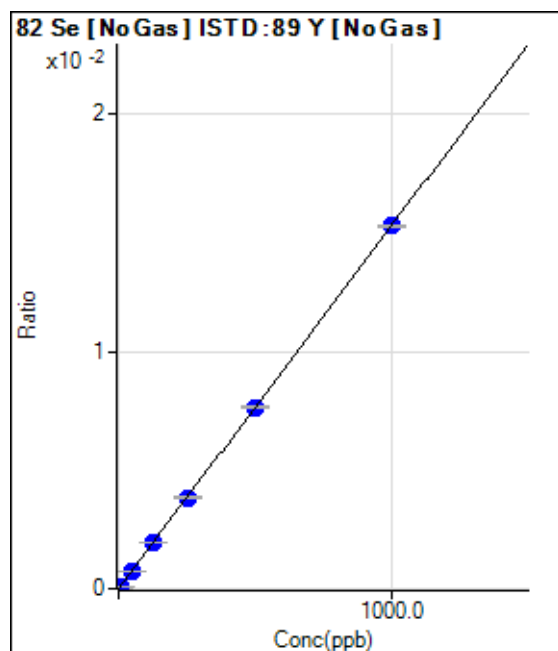
$$R = 1.0000$$

$$DL = 0.03748$$

$$BEC = 3.571$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD    |
|---|--------------------------|----------|------------|----------|--------|-----|--------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | -7.99    | 0.0000 | P   | -1245. |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |     |        |
| 3 | <input type="checkbox"/> | 5.000    | 4.388      | 246.84   | 0.0001 | P   | 26.0   |
| 4 | <input type="checkbox"/> | 50.000   | 49.354     | 2817.70  | 0.0008 | P   | 0.6    |
| 5 | <input type="checkbox"/> | 125.000  | 125.939    | 7058.69  | 0.0019 | P   | 0.4    |
| 6 | <input type="checkbox"/> | 250.000  | 251.185    | 14011.00 | 0.0038 | P   | 0.7    |
| 7 | <input type="checkbox"/> | 500.000  | 499.840    | 27935.20 | 0.0076 | P   | 0.5    |
| 8 | <input type="checkbox"/> | 1000.000 | 999.702    | 55140.61 | 0.0153 | P   | 0.5    |
| 9 | <input type="checkbox"/> |          |            | 69.96    | 0.0000 | P   | 42.5   |

$$y = 1.5289\text{E-}005 * x - 2.1792\text{E-}006$$

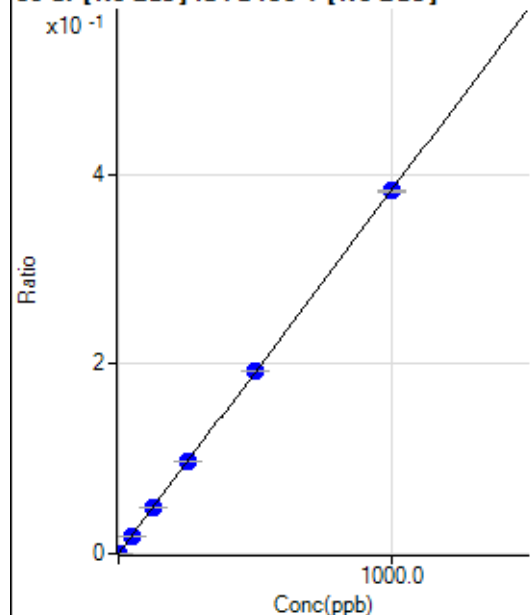
$$R = 1.0000$$

$$DL = 5.325$$

$$BEC = -0.1425$$

Weight: <None>

Min Conc: 0

**86 Sr [No Gas] ISTD:89 Y [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 697.27     | 0.0002 | P   | 13.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.894      | 2008.56    | 0.0005 | P   | 4.6  |
| 4 | <input type="checkbox"/> | 50.000   | 49.040     | 70983.73   | 0.0190 | P   | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 126.520    | 178391.09  | 0.0486 | P   | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 252.612    | 353595.62  | 0.0969 | P   | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 500.895    | 701623.49  | 0.1919 | P   | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.758    | 1379850.54 | 0.3824 | P   | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 40067.95   | 0.0112 | P   | 3.0  |

$$y = 3.8271\text{E-}004 * x + 1.8603\text{E-}004$$

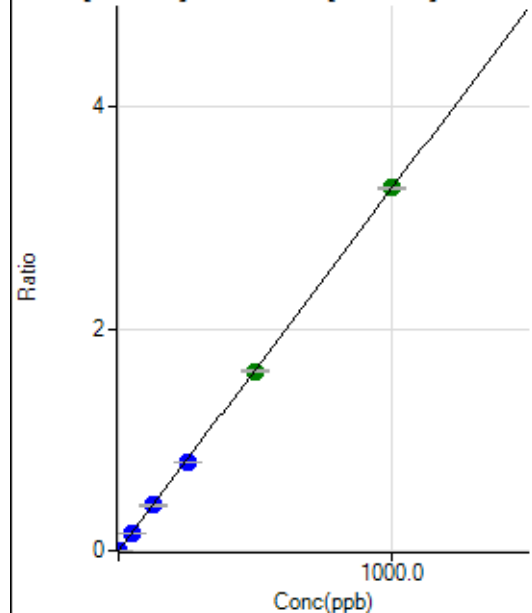
$$R = 1.0000$$

$$DL = 0.1891$$

$$BEC = 0.4861$$

Weight: &lt;None&gt;

Min Conc: 0

**88 Sr [No Gas] ISTD:89 Y [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 144.45      | 0.0000 | P   | 23.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.903      | 11332.66    | 0.0030 | P   | 2.4  |
| 4 | <input type="checkbox"/> | 50.000   | 48.953     | 597292.12   | 0.1595 | P   | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 125.071    | 1495342.80  | 0.4074 | P   | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 245.989    | 2925111.74  | 0.8013 | P   | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 495.925    | 5906654.99  | 1.6154 | A   | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.084   | 11789267.45 | 3.2673 | A   | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 341627.36   | 0.0956 | P   | 2.9  |

$$y = 0.0033 * x + 3.8531\text{E-}005$$

$$R = 1.0000$$

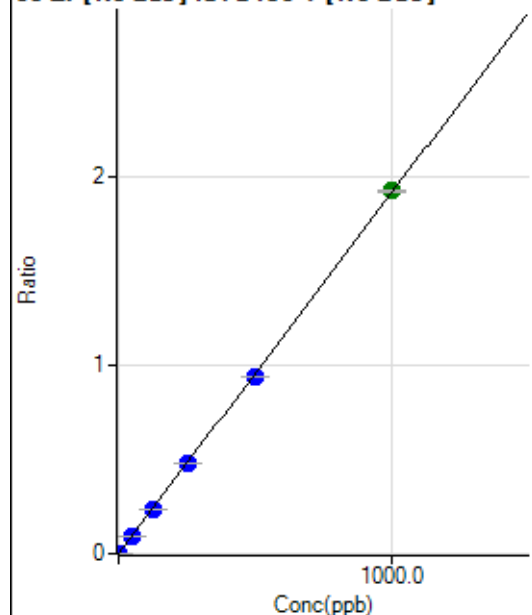
$$DL = 0.008175$$

$$BEC = 0.01183$$

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      | 313.90     | 0.0001 | P   | 30.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.666      | 5159.49    | 0.0014 | P   | 2.8  |
| 4 | <input type="checkbox"/> | 50.000   | 48.127     | 344991.56  | 0.0921 | P   | 0.2  |
| 5 | <input type="checkbox"/> | 125.000  | 124.910    | 877016.06  | 0.2390 | P   | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 249.605    | 1742801.75 | 0.4774 | P   | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 489.307    | 3421761.92 | 0.9358 | P   | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1005.551   | 6938709.88 | 1.9230 | A   | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 2286.40    | 0.0006 | P   | 15.3 |

$$y = 0.0019 * x + 8.3703E-005$$

$$R = 0.9999$$

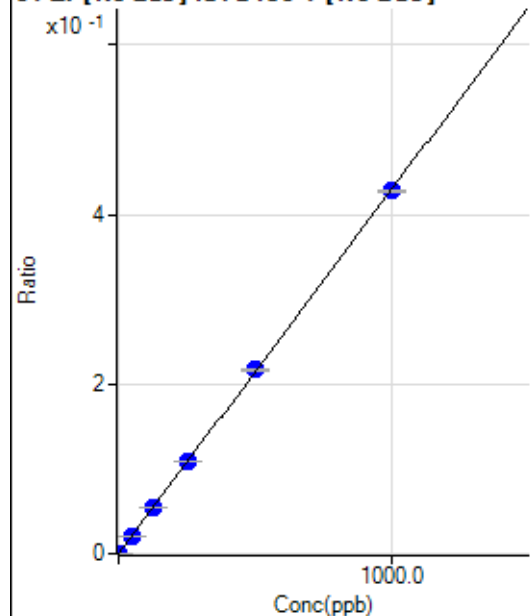
$$DL = 0.03988$$

$$BEC = 0.04377$$

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      | 55.56      | 0.0000 | P   | 52.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.694      | 1188.99    | 0.0003 | P   | 15.3 |
| 4 | <input type="checkbox"/> | 50.000   | 48.480     | 77981.78   | 0.0208 | P   | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 125.332    | 197490.52  | 0.0538 | P   | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 253.201    | 396772.95  | 0.1087 | P   | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 505.201    | 792913.08  | 0.2169 | P   | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.634    | 1543520.92 | 0.4278 | P   | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 600.04     | 0.0002 | P   | 12.6 |

$$y = 4.2921E-004 * x + 1.4824E-005$$

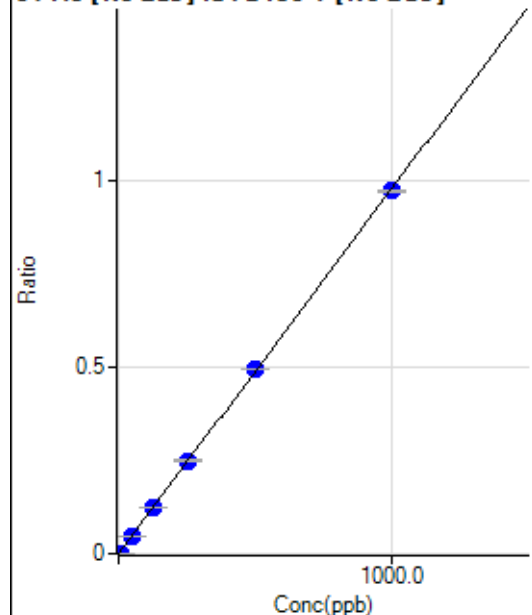
$$R = 1.0000$$

$$DL = 0.05467$$

$$BEC = 0.03454$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 127.78     | 0.0000 | P   | 25.0 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 1.913      | 7227.08    | 0.0019 | P   | 3.8  |
| 4 | <input type="checkbox"/> | 50.000   | 48.608     | 177679.87  | 0.0474 | P   | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 127.357    | 456030.80  | 0.1243 | P   | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 255.244    | 908926.15  | 0.2490 | P   | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 506.807    | 1807592.99 | 0.4943 | P   | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.076    | 3502071.35 | 0.9706 | P   | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 4756.55    | 0.0013 | P   | 8.5  |

$$y = 9.7535E-004 * x + 3.4119E-005$$

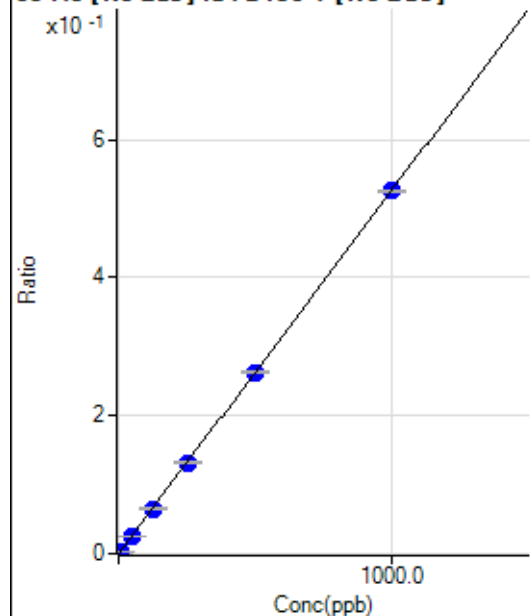
$$R = 0.9999$$

$$DL = 0.02622$$

$$BEC = 0.03498$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 38.89      | 0.0000 | P   | 44.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.578      | 9189.39    | 0.0024 | P   | 4.1  |
| 4 | <input type="checkbox"/> | 50.000   | 47.789     | 94083.65   | 0.0251 | P   | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 124.251    | 239660.60  | 0.0653 | P   | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 251.325    | 482142.62  | 0.1321 | P   | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 500.274    | 961246.05  | 0.2629 | P   | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.738    | 1895567.69 | 0.5253 | P   | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 6521.17    | 0.0018 | P   | 9.5  |

$$y = 5.2547E-004 * x + 1.0367E-005$$

$$R = 1.0000$$

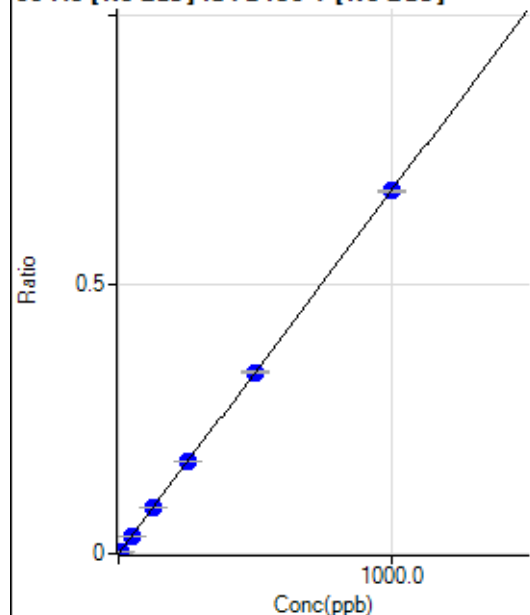
$$DL = 0.02618$$

$$BEC = 0.01973$$

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      | 72.22      | 0.0000 | P   | 52.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 3.862      | 9978.87    | 0.0026 | P   | 1.7  |
| 4 | <input type="checkbox"/> | 50.000   | 47.946     | 121171.92  | 0.0324 | P   | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 124.767    | 308911.49  | 0.0842 | P   | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 252.219    | 621041.86  | 0.1701 | P   | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 499.649    | 1232235.09 | 0.3370 | P   | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.758    | 2432972.15 | 0.6743 | P   | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 9158.86    | 0.0026 | P   | 7.6  |

$$y = 6.7443\text{E-}004 * x + 1.9294\text{E-}005$$

$$R = 1.0000$$

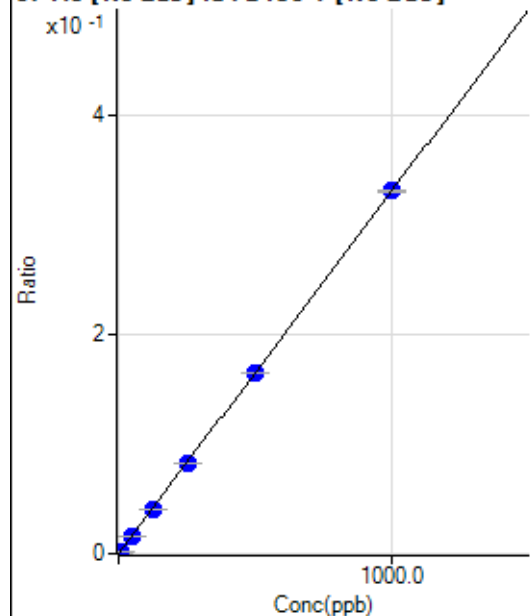
$$DL = 0.04483$$

$$BEC = 0.02861$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 25.00      | 0.0000 | P   | 57.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.521      | 5709.70    | 0.0015 | P   | 4.4  |
| 4 | <input type="checkbox"/> | 50.000   | 47.088     | 58322.64   | 0.0156 | P   | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 123.024    | 149298.93  | 0.0407 | P   | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 249.687    | 301349.16  | 0.0825 | P   | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 497.916    | 601898.37  | 0.1646 | P   | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.515   | 1194642.63 | 0.3311 | P   | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 4270.27    | 0.0012 | P   | 12.9 |

$$y = 3.3058\text{E-}004 * x + 6.6766\text{E-}006$$

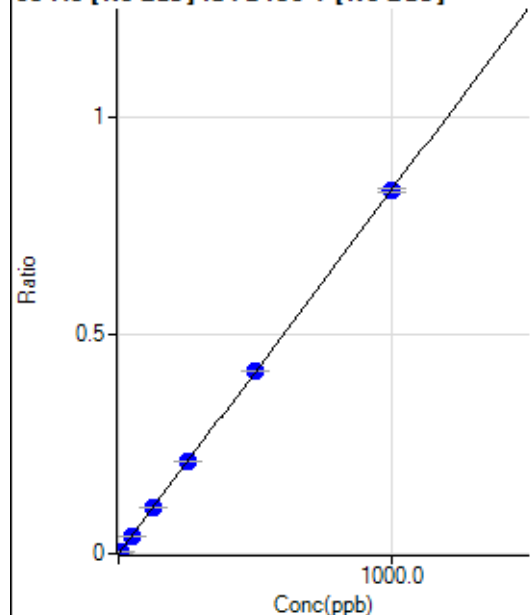
$$R = 1.0000$$

$$DL = 0.03509$$

$$BEC = 0.0202$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 88.89      | 0.0000 | P   | 23.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.534      | 14438.38   | 0.0038 | P   | 3.2  |
| 4 | <input type="checkbox"/> | 50.000   | 48.152     | 150138.14  | 0.0401 | P   | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 126.299    | 385784.20  | 0.1051 | P   | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 253.226    | 769254.89  | 0.2107 | P   | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 502.003    | 1527433.05 | 0.4177 | P   | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.124    | 2996677.26 | 0.8305 | P   | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 10315.25   | 0.0029 | P   | 8.2  |

$$y = 8.3207\text{E-}004 * x + 2.3733\text{E-}005$$

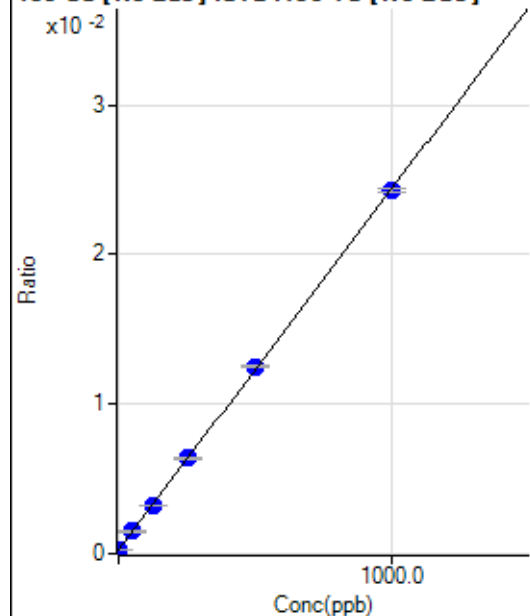
$$R = 1.0000$$

$$DL = 0.02043$$

$$BEC = 0.02852$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 866.73   | 0.0002 | P   | 4.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |          |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | -0.290     | 838.95   | 0.0002 | P   | 9.9 |
| 4 | <input type="checkbox"/> | 50.000   | 51.619     | 5342.91  | 0.0015 | P   | 6.8 |
| 5 | <input type="checkbox"/> | 125.000  | 122.390    | 11413.39 | 0.0032 | P   | 0.5 |
| 6 | <input type="checkbox"/> | 250.000  | 254.042    | 22568.77 | 0.0064 | P   | 1.0 |
| 7 | <input type="checkbox"/> | 500.000  | 508.964    | 44166.87 | 0.0125 | P   | 0.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 994.754    | 84599.43 | 0.0242 | P   | 0.9 |
| 9 | <input type="checkbox"/> |          |            | 805.61   | 0.0002 | P   | 9.0 |

$$y = 2.4132\text{E-}005 * x + 2.3716\text{E-}004$$

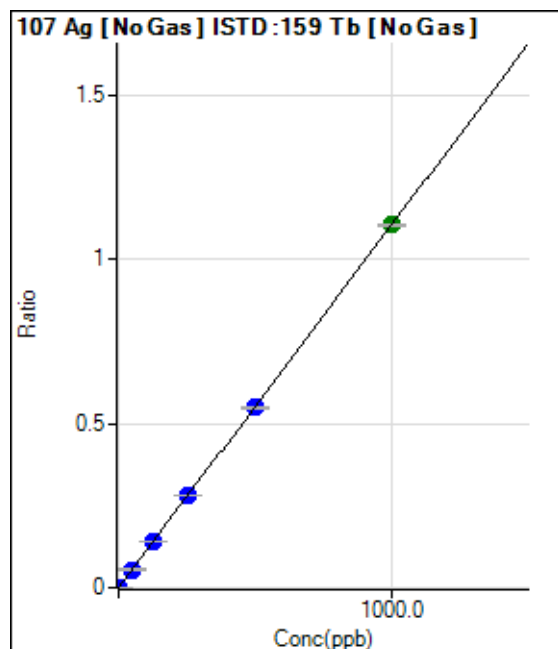
$$R = 0.9999$$

$$DL = 1.169$$

$$BEC = 9.828$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 41.67      | 0.0000 | P   | 19.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.922      | 3756.20    | 0.0010 | P   | 6.2  |
| 4 | <input type="checkbox"/> | 50.000   | 50.154     | 199908.50  | 0.0555 | P   | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 126.815    | 501592.29  | 0.1402 | P   | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 253.601    | 993813.22  | 0.2804 | P   | 0.1  |
| 7 | <input type="checkbox"/> | 500.000  | 496.963    | 1938453.84 | 0.5495 | P   | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.383   | 3859907.25 | 1.1061 | A   | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 577.82     | 0.0002 | P   | 31.3 |

$$y = 0.0011 * x + 1.1398E-005$$

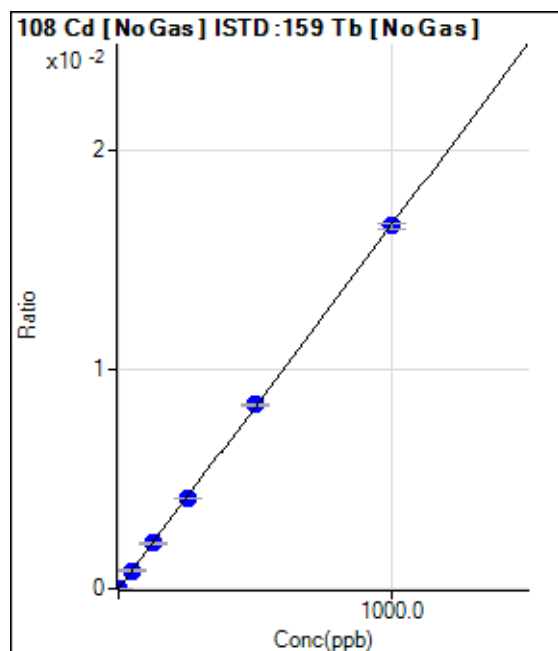
$$R = 1.0000$$

$$DL = 0.006119$$

$$BEC = 0.01031$$

Weight: <None>

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD   |
|---|--------------------------|----------|------------|----------|--------|-----|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2.78     | 0.0000 | P   | 173.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |          |        |     |       |
| 3 | <input type="checkbox"/> | 1.000    | 0.967      | 61.11    | 0.0000 | P   | 31.0  |
| 4 | <input type="checkbox"/> | 50.000   | 50.074     | 2993.44  | 0.0008 | P   | 2.1   |
| 5 | <input type="checkbox"/> | 125.000  | 125.305    | 7429.88  | 0.0021 | P   | 3.3   |
| 6 | <input type="checkbox"/> | 250.000  | 248.353    | 14585.51 | 0.0041 | P   | 1.6   |
| 7 | <input type="checkbox"/> | 500.000  | 505.429    | 29543.51 | 0.0084 | P   | 1.3   |
| 8 | <input type="checkbox"/> | 1000.000 | 997.655    | 57682.36 | 0.0165 | P   | 1.3   |
| 9 | <input type="checkbox"/> |          |            | 16.67    | 0.0000 | P   | 65.8  |

$$y = 1.6567E-005 * x + 7.5880E-007$$

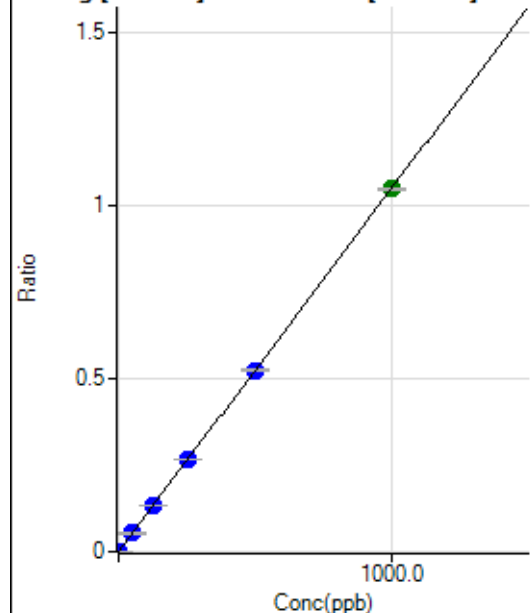
$$R = 1.0000$$

$$DL = 0.238$$

$$BEC = 0.0458$$

Weight: <None>

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD   |
|---|--------------------------|----------|------------|------------|--------|-----|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 30.56      | 0.0000 | P   | 128.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |       |
| 3 | <input type="checkbox"/> | 1.000    | 0.943      | 3631.17    | 0.0010 | P   | 5.9   |
| 4 | <input type="checkbox"/> | 50.000   | 50.309     | 189933.06  | 0.0527 | P   | 1.0   |
| 5 | <input type="checkbox"/> | 125.000  | 126.629    | 474382.76  | 0.1326 | P   | 1.1   |
| 6 | <input type="checkbox"/> | 250.000  | 253.144    | 939641.44  | 0.2651 | P   | 0.2   |
| 7 | <input type="checkbox"/> | 500.000  | 499.868    | 1846871.55 | 0.5235 | P   | 0.5   |
| 8 | <input type="checkbox"/> | 1000.000 | 999.061    | 3651291.92 | 1.0463 | A   | 0.4   |
| 9 | <input type="checkbox"/> |          |            | 652.82     | 0.0002 | P   | 39.6  |

$$y = 0.0010 * x + 8.3435E-006$$

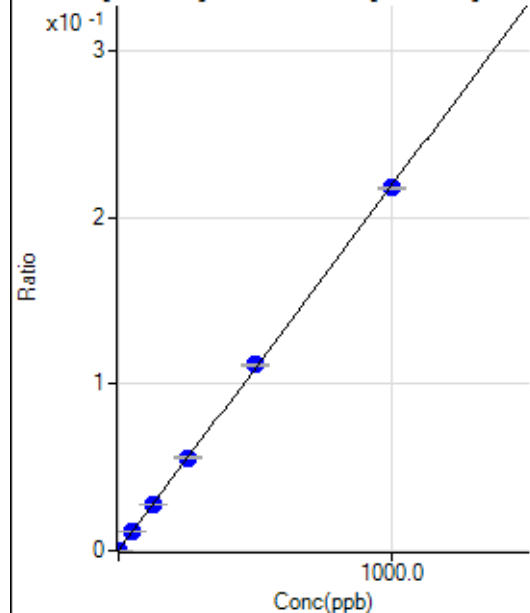
$$R = 1.0000$$

$$DL = 0.0308$$

$$BEC = 0.007967$$

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      | 604.77    | 0.0002 | P   | 4.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.930      | 1345.91   | 0.0004 | P   | 8.7 |
| 4 | <input type="checkbox"/> | 50.000   | 50.094     | 40149.92  | 0.0111 | P   | 2.1 |
| 5 | <input type="checkbox"/> | 125.000  | 126.554    | 99757.91  | 0.0279 | P   | 1.8 |
| 6 | <input type="checkbox"/> | 250.000  | 254.693    | 198343.07 | 0.0560 | P   | 0.6 |
| 7 | <input type="checkbox"/> | 500.000  | 508.414    | 393511.30 | 0.1115 | P   | 1.0 |
| 8 | <input type="checkbox"/> | 1000.000 | 994.421    | 760820.90 | 0.2180 | P   | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 768.93    | 0.0002 | P   | 5.8 |

$$y = 2.1907E-004 * x + 1.6548E-004$$

$$R = 0.9999$$

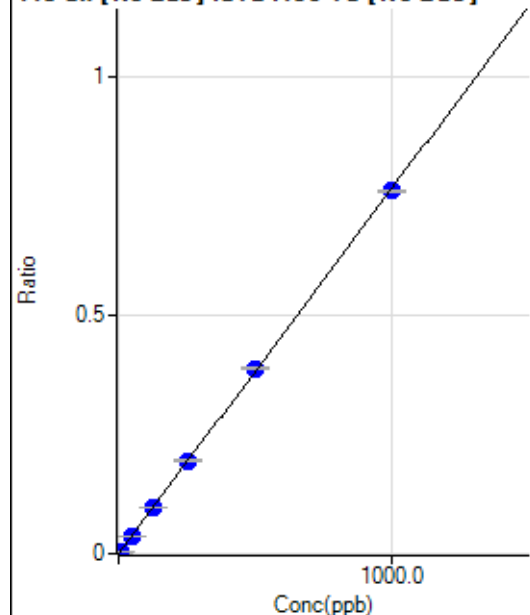
$$DL = 0.09642$$

$$BEC = 0.7554$$

Weight: &lt;None&gt;

Min Conc: 0

118 Sn [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      | 133.34     | 0.0000 | P   | 32.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.847      | 13640.52   | 0.0037 | P   | 2.9  |
| 4 | <input type="checkbox"/> | 50.000   | 49.180     | 135668.08  | 0.0376 | P   | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 126.515    | 346141.72  | 0.0968 | P   | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 255.432    | 692324.15  | 0.1953 | P   | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 507.559    | 1369184.92 | 0.3881 | P   | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.715    | 2654274.71 | 0.7606 | P   | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 3678.42    | 0.0011 | P   | 8.5  |

$$y = 7.6458\text{E-}004 * x + 3.6473\text{E-}005$$

$$R = 0.9999$$

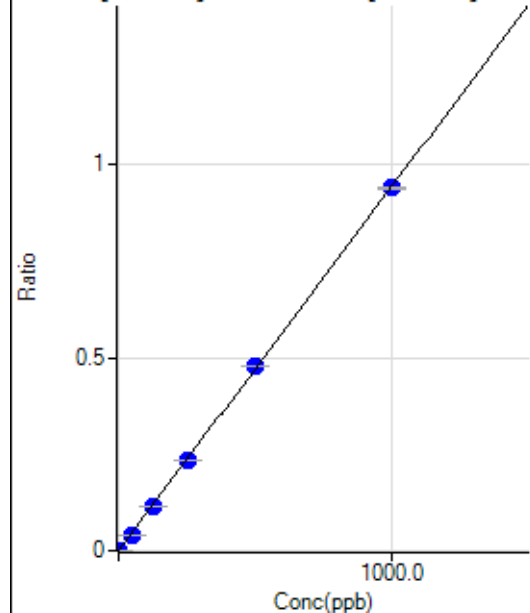
$$DL = 0.04711$$

$$BEC = 0.0477$$

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 | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 477.81     | 0.0001 | P   | 24.8 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.819      | 6718.55    | 0.0018 | P   | 7.2  |
| 4 | <input type="checkbox"/> | 50.000   | 41.225     | 140389.74  | 0.0389 | P   | 2.1  |
| 5 | <input type="checkbox"/> | 125.000  | 119.665    | 403531.18  | 0.1128 | P   | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 250.342    | 835949.42  | 0.2359 | P   | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 507.232    | 1685455.75 | 0.4778 | P   | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.405    | 3278013.62 | 0.9393 | P   | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 13393.06   | 0.0040 | P   | 7.1  |

$$y = 9.4163\text{E-}004 * x + 1.3081\text{E-}004$$

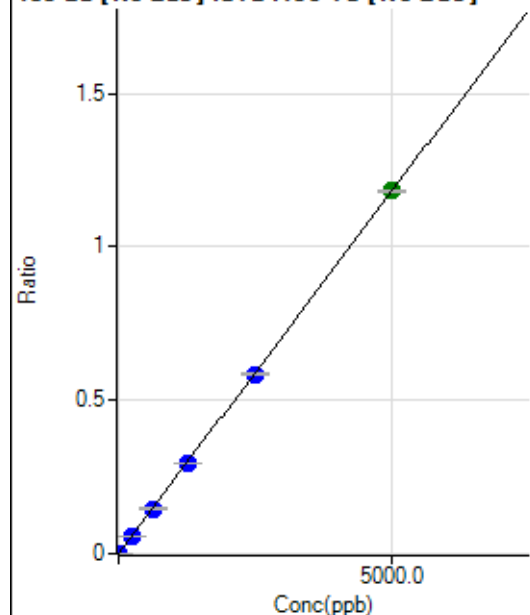
$$R = 0.9999$$

$$DL = 0.1035$$

$$BEC = 0.1389$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 22.22      | 0.0000 | P   | 21.4 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.567      | 8250.04    | 0.0023 | P   | 1.0  |
| 4 | <input type="checkbox"/> | 250.000  | 246.854    | 209944.93  | 0.0582 | P   | 1.7  |
| 5 | <input type="checkbox"/> | 625.000  | 623.550    | 526281.26  | 0.1471 | P   | 0.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1257.254   | 1051374.36 | 0.2966 | P   | 0.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2478.244   | 2062816.04 | 0.5847 | P   | 1.0  |
| 8 | <input type="checkbox"/> | 5000.000 | 5009.404   | 4124697.05 | 1.1819 | A   | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 1622.39    | 0.0005 | P   | 15.6 |

$$y = 2.3594E-004 * x + 6.0784E-006$$

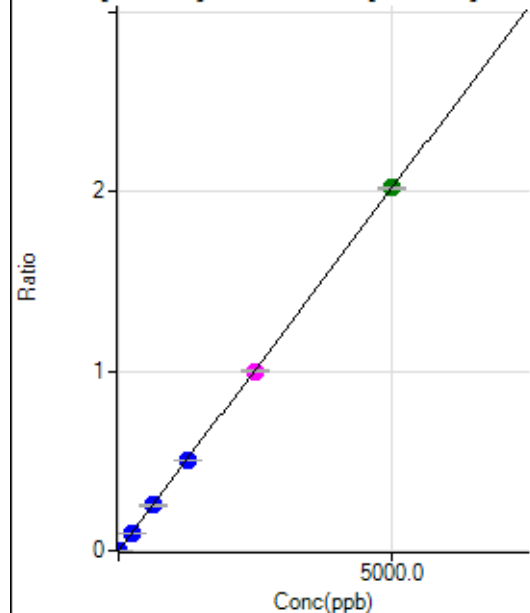
$$R = 1.0000$$

$$DL = 0.01652$$

$$BEC = 0.02576$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 22.22      | 0.0000 | P   | 43.2 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.330      | 13754.59   | 0.0038 | P   | 1.7  |
| 4 | <input type="checkbox"/> | 250.000  | 247.068    | 359600.78  | 0.0998 | P   | 0.9  |
| 5 | <input type="checkbox"/> | 625.000  | 624.561    | 902103.27  | 0.2522 | P   | 0.6  |
| 6 | <input type="checkbox"/> | 1250.000 | 1248.871   | 1787267.92 | 0.5043 | P   | 0.6  |
| 7 | <input type="checkbox"/> | 2500.000 | 2481.421   | 3534824.51 | 1.0019 | M   | 1.4  |
| 8 | <input type="checkbox"/> | 5000.000 | 5009.774   | 7059350.59 | 2.0228 | A   | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 2803.18    | 0.0008 | P   | 10.9 |

$$y = 4.0378E-004 * x + 6.0792E-006$$

$$R = 1.0000$$

$$DL = 0.01949$$

$$BEC = 0.01506$$

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"/> |       |            |        |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 2.22   |       | P        | 173.2 |
| 4 | <input type="checkbox"/> |       |            | 8.89   |       | P        | 86.6  |
| 5 | <input type="checkbox"/> |       |            | 26.67  |       | P        | 43.3  |
| 6 | <input type="checkbox"/> |       |            | 40.00  |       | P        | 33.3  |
| 7 | <input type="checkbox"/> |       |            | 75.56  |       | P        | 35.7  |
| 8 | <input type="checkbox"/> |       |            | 168.90 |       | P        | 8.2   |
| 9 | <input type="checkbox"/> |       |            | 37.78  |       | P        | 36.7  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 0.00  |       | P        |       |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 0.00  |       | P        |       |
| 4 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173.2 |
| 5 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6  |
| 6 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 43.4  |
| 7 | <input type="checkbox"/> |       |            | 14.45 |       | P        | 48.0  |
| 8 | <input type="checkbox"/> |       |            | 17.78 |       | P        | 10.8  |
| 9 | <input type="checkbox"/> |       |            | 14.45 |       | P        | 48.0  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 50.0 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 86.6 |
| 4 | <input type="checkbox"/> |       |            | 19.44 |       | P        | 49.5 |
| 5 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 57.3 |
| 6 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 78.1 |
| 7 | <input type="checkbox"/> |       |            | 33.33 |       | P        | 25.0 |
| 8 | <input type="checkbox"/> |       |            | 41.67 |       | P        | 20.0 |
| 9 | <input type="checkbox"/> |       |            | 19.44 |       | P        | 65.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173.2 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6  |
| 4 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 173.2 |
| 5 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 100.1 |
| 6 | <input type="checkbox"/> |       |            | 5.55  |       | P        | 69.3  |
| 7 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 100.0 |
| 8 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6  |
| 9 | <input type="checkbox"/> |       |            | 14.44 |       | P        | 13.4  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 13.89 |       | P        | 34.7  |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 16.67 |       | P        | NaN   |
| 4 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 43.3  |
| 5 | <input type="checkbox"/> |       |            | 13.89 |       | P        | 34.7  |
| 6 | <input type="checkbox"/> |       |            | 2.78  |       | P        | 173.2 |
| 7 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 50.0  |
| 8 | <input type="checkbox"/> |       |            | 30.56 |       | P        | 95.8  |
| 9 | <input type="checkbox"/> |       |            | 19.44 |       | P        | 65.5  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 108.3 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 12.22 |       | P        | 56.8  |
| 4 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 34.6  |
| 5 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 50.0  |
| 6 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 114.6 |
| 7 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 89.2  |
| 8 | <input type="checkbox"/> |       |            | 15.56 |       | P        | 61.9  |
| 9 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 25.0  |

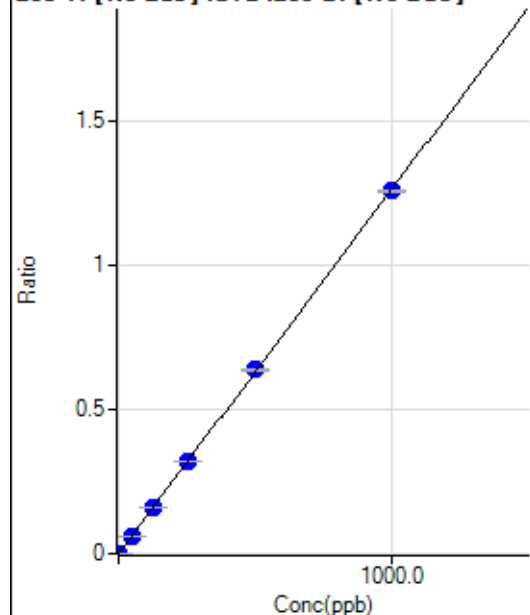
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 16.67 |       | P        | NaN   |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 21.6  |
| 4 | <input type="checkbox"/> |       |            | 8.33  |       | P        | 100.0 |
| 5 | <input type="checkbox"/> |       |            | 16.66 |       | P        | 86.6  |
| 6 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 50.0  |
| 7 | <input type="checkbox"/> |       |            | 13.89 |       | P        | 91.6  |
| 8 | <input type="checkbox"/> |       |            | 30.55 |       | P        | 15.7  |
| 9 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 142.0 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 100.1 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 78.1  |
| 4 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 34.7  |
| 5 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 57.7  |
| 6 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 50.0  |
| 7 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 50.0  |
| 8 | <input type="checkbox"/> |       |            | 14.44 |       | P        | 58.1  |
| 9 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6  |

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 11.11      | 0.0000 | P   | 43.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.999      | 2658.72    | 0.0013 | P   | 2.0  |
| 4 | <input type="checkbox"/> | 50.000   | 49.525     | 130880.97  | 0.0625 | P   | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 125.815    | 329626.45  | 0.1587 | P   | 1.0  |
| 6 | <input type="checkbox"/> | 250.000  | 252.752    | 660836.20  | 0.3188 | P   | 0.1  |
| 7 | <input type="checkbox"/> | 500.000  | 504.910    | 1312770.12 | 0.6368 | P   | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.779    | 2525666.40 | 1.2571 | P   | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 1175.11    | 0.0006 | P   | 7.9  |

$$y = 0.0013 * x + 5.3963E-006$$

$$R = 1.0000$$

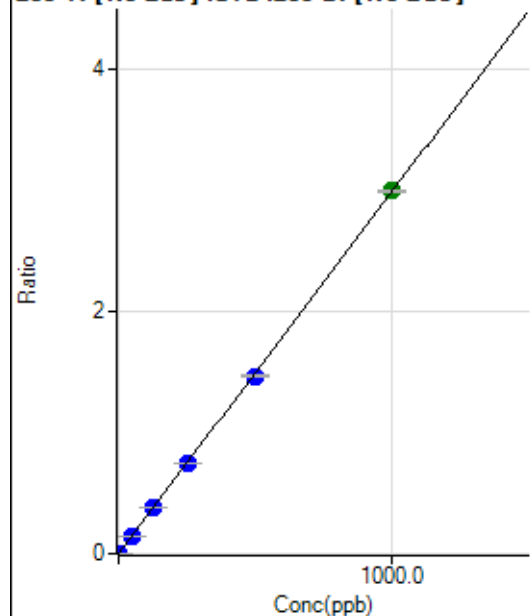
$$DL = 0.00563$$

$$BEC = 0.004279$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 52.78      | 0.0000 | P   | 17.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.957      | 6065.55    | 0.0029 | P   | 5.9  |
| 4 | <input type="checkbox"/> | 50.000   | 49.705     | 311310.41  | 0.1486 | P   | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 125.848    | 781364.44  | 0.3761 | P   | 0.1  |
| 6 | <input type="checkbox"/> | 250.000  | 251.461    | 1558022.50 | 0.7515 | P   | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 491.819    | 3030266.56 | 1.4698 | P   | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.634   | 6026379.04 | 2.9994 | A   | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 2803.22    | 0.0015 | P   | 17.1 |

$$y = 0.0030 * x + 2.5589E-005$$

$$R = 0.9999$$

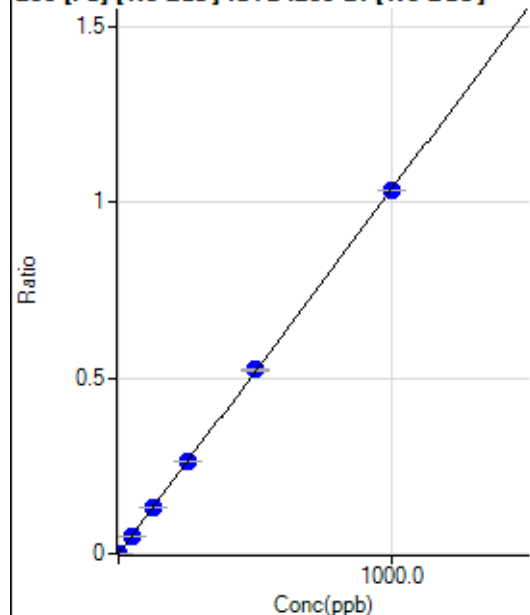
$$DL = 0.00458$$

$$BEC = 0.008562$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 231.49     | 0.0001 | P   | 10.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.013      | 2446.59    | 0.0012 | P   | 3.7  |
| 4 | <input type="checkbox"/> | 50.000   | 49.724     | 108337.70  | 0.0517 | P   | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 126.607    | 273119.49  | 0.1315 | P   | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 253.777    | 546107.23  | 0.2634 | P   | 0.0  |
| 7 | <input type="checkbox"/> | 500.000  | 505.623    | 1081797.23 | 0.5247 | P   | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.057    | 2076639.05 | 1.0336 | P   | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 7506.04    | 0.0041 | P   | 2.2  |

$$y = 0.0010 * x + 1.1231E-004$$

$$R = 1.0000$$

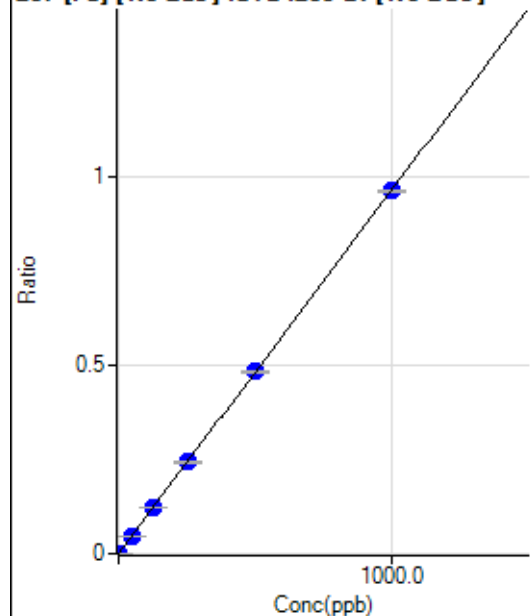
$$DL = 0.03358$$

$$BEC = 0.1082$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 233.34     | 0.0001 | P   | 14.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.979      | 2224.32    | 0.0011 | P   | 8.1  |
| 4 | <input type="checkbox"/> | 50.000   | 48.917     | 99202.86   | 0.0473 | P   | 1.1  |
| 5 | <input type="checkbox"/> | 125.000  | 125.568    | 252096.02  | 0.1214 | P   | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 251.679    | 504020.06  | 0.2431 | P   | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 501.853    | 999204.90  | 0.4847 | P   | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.637    | 1937538.44 | 0.9643 | P   | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 6505.49    | 0.0036 | P   | 3.6  |

$$y = 9.6554E-004 * x + 1.1319E-004$$

$$R = 1.0000$$

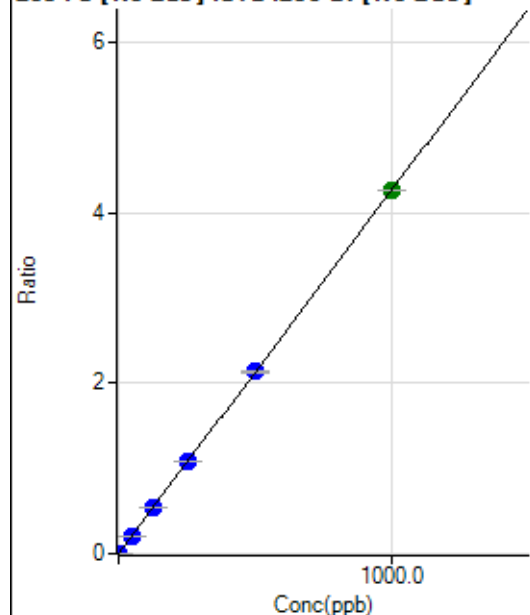
$$DL = 0.05025$$

$$BEC = 0.1172$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1027.83    | 0.0005 | P   | 7.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.982      | 9838.73    | 0.0047 | P   | 1.5 |
| 4 | <input type="checkbox"/> | 50.000   | 49.402     | 441674.77  | 0.2108 | P   | 0.4 |
| 5 | <input type="checkbox"/> | 125.000  | 126.583    | 1120374.26 | 0.5393 | P   | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 252.749    | 2231487.36 | 1.0764 | P   | 0.0 |
| 7 | <input type="checkbox"/> | 500.000  | 500.501    | 4393305.02 | 2.1310 | P   | 0.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 998.895    | 8544026.29 | 4.2525 | A   | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 29359.61   | 0.0162 | P   | 0.6 |

$$y = 0.0043 * x + 4.9865E-004$$

$$R = 1.0000$$

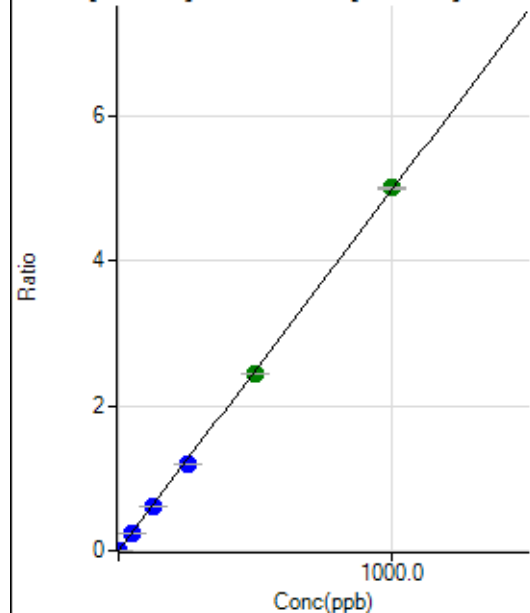
$$DL = 0.02681$$

$$BEC = 0.1171$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 108.34      | 0.0001 | P   | 33.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.940      | 9923.71     | 0.0047 | P   | 0.8  |
| 4 | <input type="checkbox"/> | 50.000   | 47.550     | 494856.16   | 0.2362 | P   | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 121.718    | 1255689.61  | 0.6045 | P   | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 241.286    | 2484015.72  | 1.1982 | P   | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 491.291    | 5029784.79  | 2.4396 | A   | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1007.066   | 10047416.81 | 5.0008 | A   | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 1547.40     | 0.0009 | P   | 30.6 |

$$y = 0.0050 * x + 5.2570E-005$$

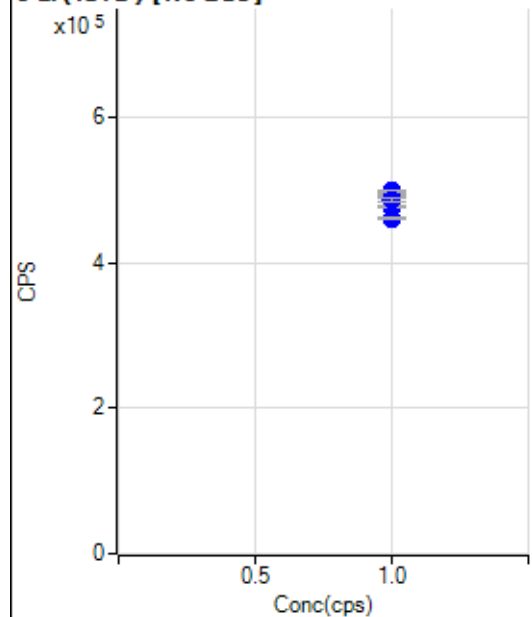
$$R = 0.9999$$

$$DL = 0.01068$$

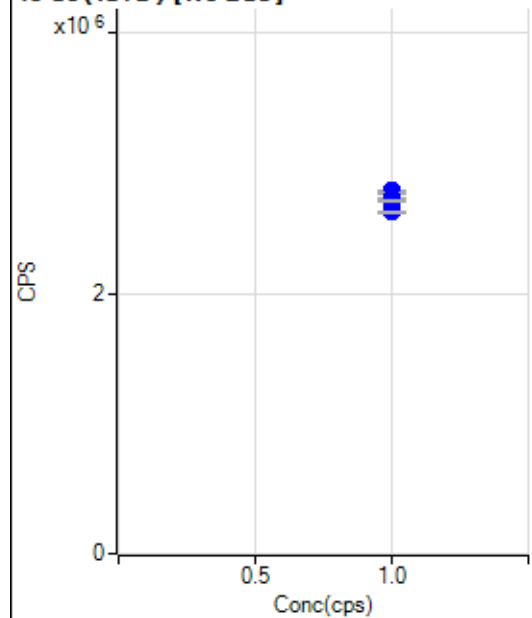
$$BEC = 0.01059$$

Weight: &lt;None&gt;

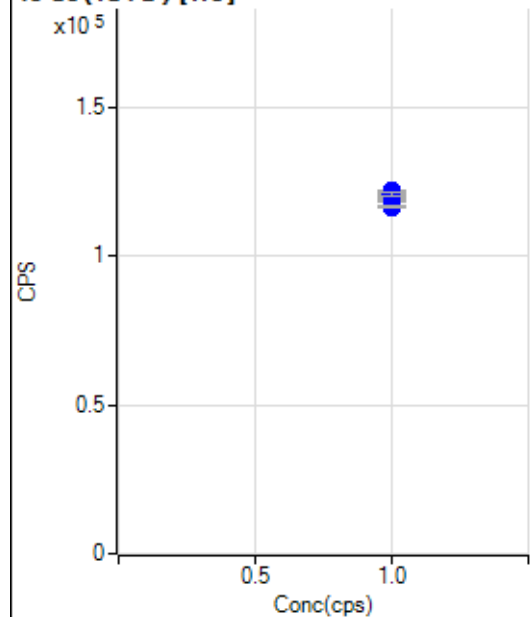
Min Conc: 0

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

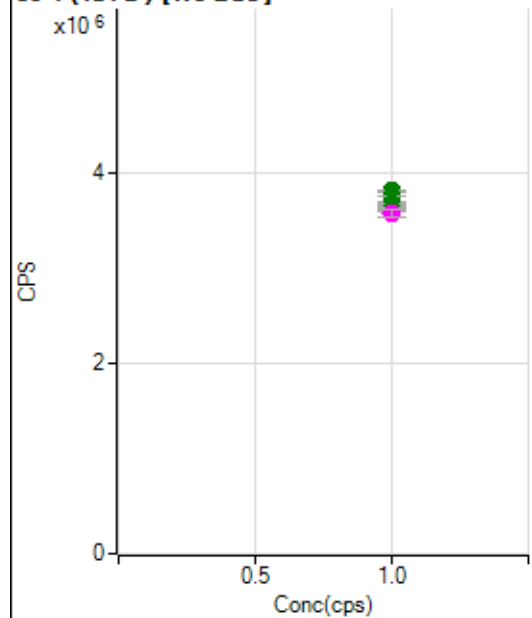
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det | RSD |
|---|--------------------------|-------|------------|-----------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 476941.12 |       | P   | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |     |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 496896.57 |       | P   | 0.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 494993.02 |       | P   | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 493007.89 |       | P   | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 497583.30 |       | P   | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 499221.37 |       | P   | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 486595.49 |       | P   | 1.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 461133.77 |       | P   | 0.5 |

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

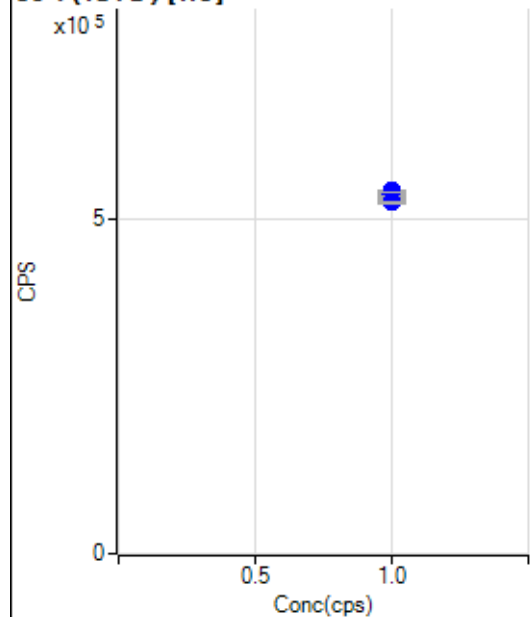
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det | RSD |
|---|--------------------------|-------|------------|------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2712731.25 |       | P   | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |     |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2787244.36 |       | P   | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2770017.25 |       | P   | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2737249.08 |       | P   | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2722490.49 |       | P   | 0.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2730799.13 |       | P   | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2708997.74 |       | P   | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2623909.45 |       | P   | 0.4 |

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

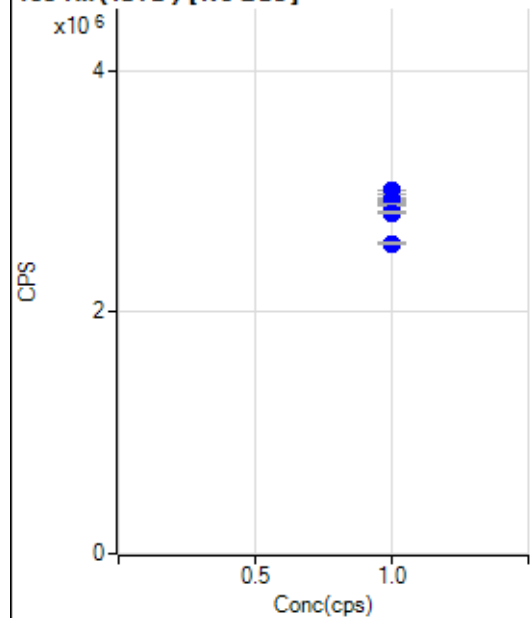
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det | RSD |
|---|--------------------------|-------|------------|-----------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 120085.86 |       | P   | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |     |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 122099.98 |       | P   | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 120675.02 |       | P   | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 119090.56 |       | P   | 1.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 119479.68 |       | P   | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 120139.29 |       | P   | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 121213.69 |       | P   | 1.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 116712.69 |       | P   | 0.6 |

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

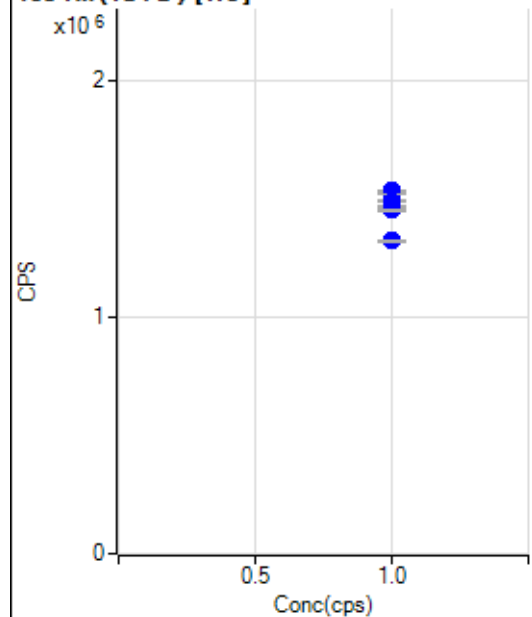
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det | RSD |
|---|--------------------------|-------|------------|------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3747462.93 |       | A   | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |     |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 3803220.05 |       | A   | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3745072.62 |       | A   | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3670245.29 |       | A   | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3650521.30 |       | A   | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3656553.73 |       | A   | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3608285.99 |       | A   | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3574222.62 |       | M   | 2.3 |

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

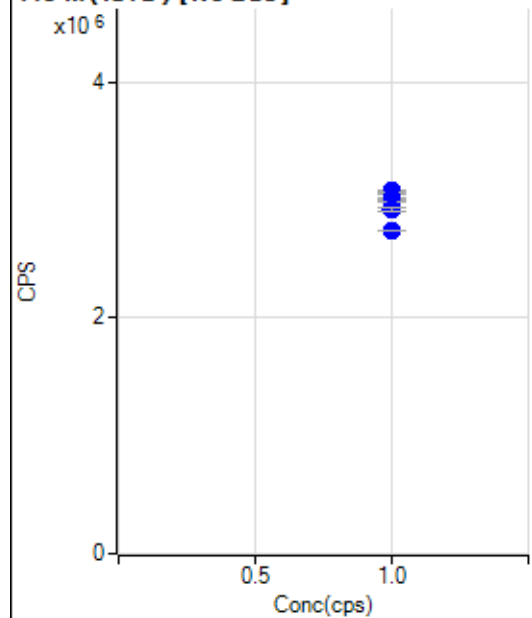
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 532464.57 |       | P        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 542824.69 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 538543.43 |       | P        | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 531613.84 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 530786.14 |       | P        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 534889.89 |       | P        | 0.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 538139.85 |       | P        | 1.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 525914.91 |       | P        | 0.6 |

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

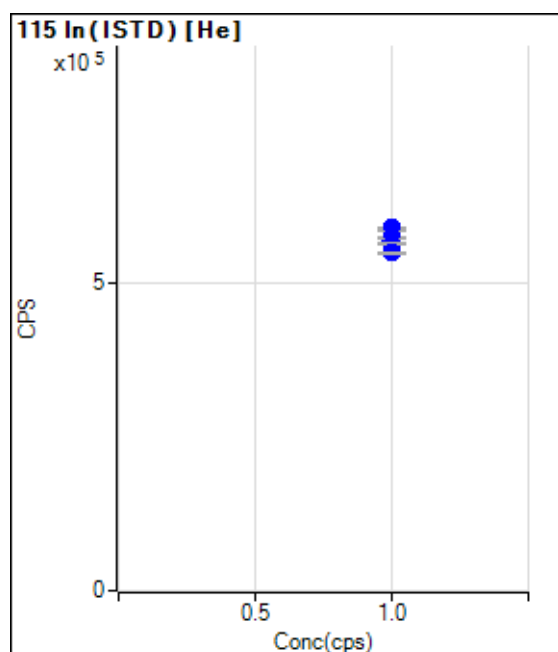
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2939613.35 |       | P        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 3001162.91 |       | P        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2975184.29 |       | P        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2926556.94 |       | P        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2912194.59 |       | P        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2886175.15 |       | P        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2816221.07 |       | P        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2564403.68 |       | P        | 0.7 |

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

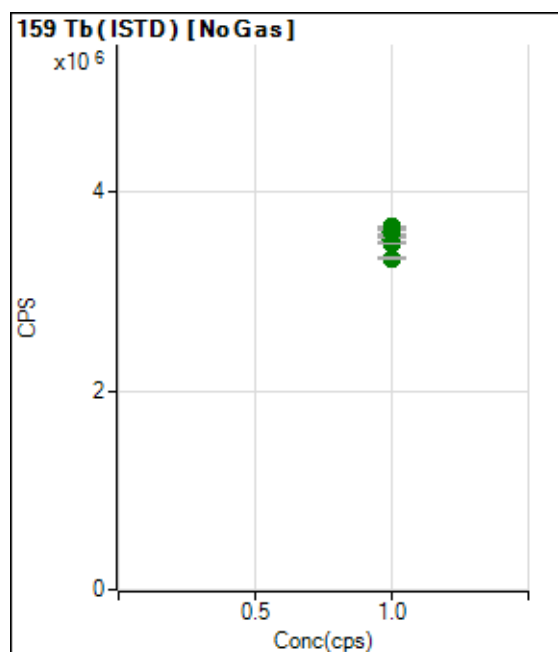
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det | RSD |
|---|--------------------------|-------|------------|------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1497967.74 |       | P   | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |     |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1535389.34 |       | P   | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1523085.15 |       | P   | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1489500.74 |       | P   | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1488992.27 |       | P   | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1471810.48 |       | P   | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1453534.44 |       | P   | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1324102.35 |       | P   | 0.4 |

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

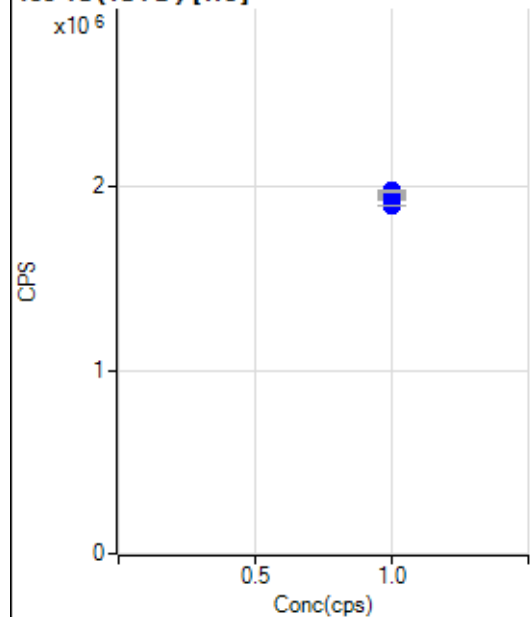
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det | RSD |
|---|--------------------------|-------|------------|------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3004162.13 |       | P   | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |     |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 3074586.07 |       | P   | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3053905.40 |       | P   | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3012652.98 |       | P   | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2994171.10 |       | P   | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2983388.95 |       | P   | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2918136.66 |       | P   | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2742613.19 |       | P   | 0.2 |



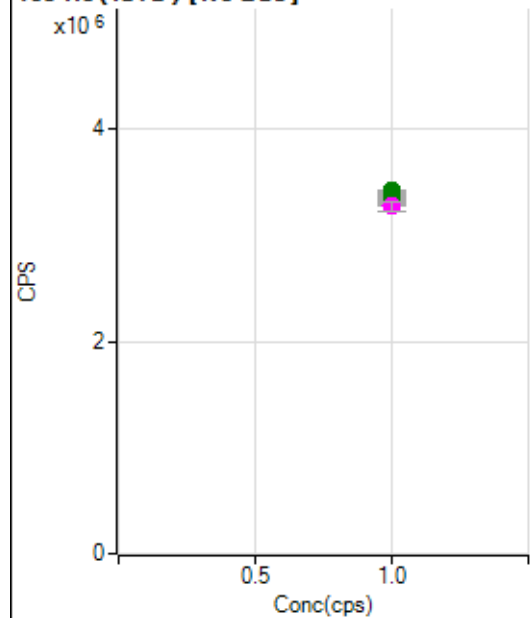
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det | RSD |
|---|--------------------------|-------|------------|-----------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 573936.49 |       | P   | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |     |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 588885.39 |       | P   | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 582707.36 |       | P   | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 574800.28 |       | P   | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 573440.01 |       | P   | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 567998.95 |       | P   | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 563051.24 |       | P   | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 548360.08 |       | P   | 0.4 |



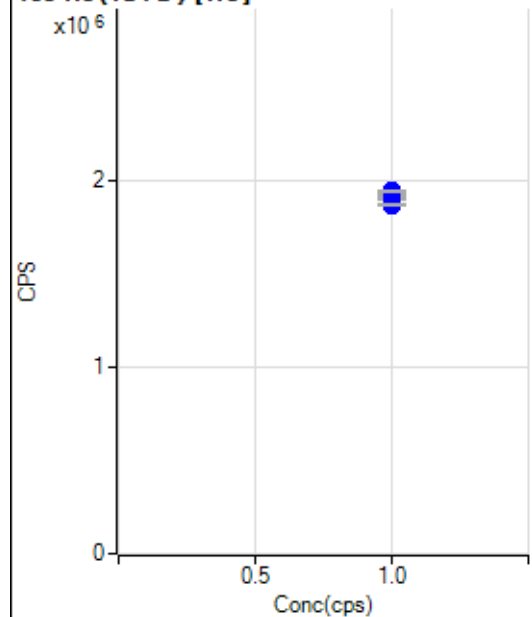
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det | RSD |
|---|--------------------------|-------|------------|------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3654434.32 |       | A   | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |     |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 3645097.48 |       | A   | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3604629.88 |       | A   | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3577171.75 |       | A   | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3544291.30 |       | A   | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3528059.04 |       | A   | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3489822.17 |       | A   | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3336168.46 |       | A   | 0.5 |

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

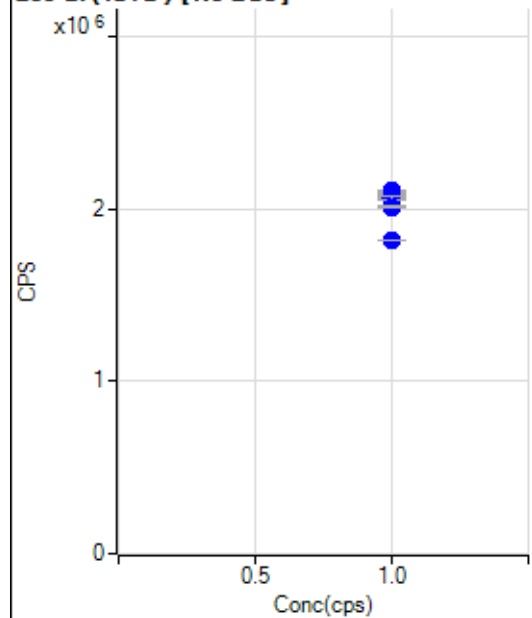
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det | RSD |
|---|--------------------------|-------|------------|------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1928756.91 |       | P   | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |     |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1974423.08 |       | P   | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1959922.76 |       | P   | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1941893.82 |       | P   | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1960729.07 |       | P   | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1967584.64 |       | P   | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1977235.94 |       | P   | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1896240.36 |       | P   | 0.1 |

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

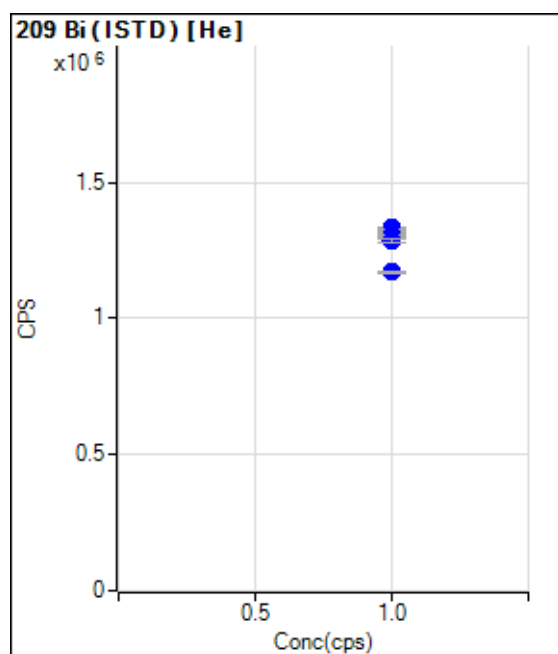
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det | RSD |
|---|--------------------------|-------|------------|------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3420219.20 |       | A   | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |     |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 3406519.67 |       | A   | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3370200.90 |       | A   | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3327761.75 |       | A   | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3336541.35 |       | A   | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3326867.46 |       | A   | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3293035.01 |       | A   | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3273576.74 |       | M   | 2.9 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det | RSD |
|---|--------------------------|-------|------------|------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1894525.01 |       | P   | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |     |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1931297.96 |       | P   | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1922529.64 |       | P   | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1913326.59 |       | P   | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1927258.60 |       | P   | 0.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1930570.82 |       | P   | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1944321.17 |       | P   | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1869596.69 |       | P   | 0.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det | RSD |
|---|--------------------------|-------|------------|------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2061603.06 |       | P   | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |     |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2102213.61 |       | P   | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2095369.90 |       | P   | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2077389.32 |       | P   | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2073154.83 |       | P   | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2061718.39 |       | P   | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2009186.36 |       | P   | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1813938.62 |       | P   | 0.3 |



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det | RSD |
|---|--------------------------|-------|------------|------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1300786.34 |       | P   | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |     |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1332038.44 |       | P   | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1322521.47 |       | P   | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1306932.80 |       | P   | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1306579.68 |       | P   | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1300902.05 |       | P   | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1285041.30 |       | P   | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1169331.33 |       | P   | 0.6 |