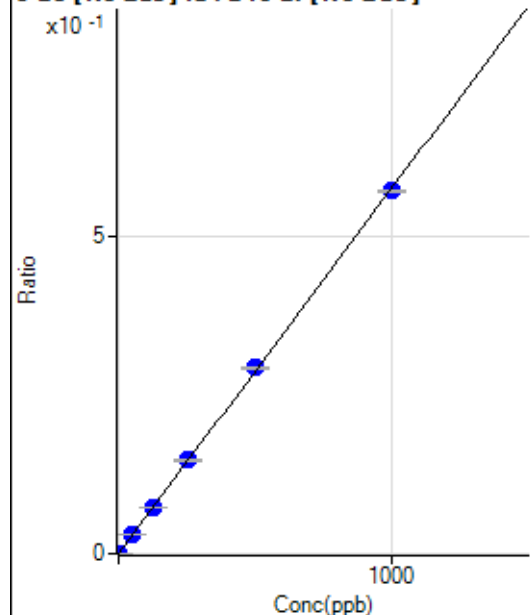


Batch Folder: D:\ICP-MS Data\P7070119-MS.b\  
Analysis File: P7070119-MS.batch.bin  
DA Date-Time: 2019-07-01 22:56:00  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 003CALB.d          | S00         | 2019-07-01 14:24:35 |
| 2     | 004CALS.d          | S01         | 2019-07-01 14:28:10 |
| 3     | 005CALS.d          | S02         | 2019-07-01 14:32:09 |
| 4     | 006CALS.d          | S03         | 2019-07-01 14:36:05 |
| 5     | 007CALS.d          | S04         | 2019-07-01 14:40:02 |
| 6     | 008CALS.d          | S05         | 2019-07-01 14:43:59 |
| 7     | 009CALS.d          | S06         | 2019-07-01 14:47:53 |
| 8     | 010CALS.d          | S07         | 2019-07-01 14:51:47 |
| 9     | 011CALS.d          | S08         | 2019-07-01 14:55:38 |

9 Be [No Gas] ISTD:6 Li [No Gas]



|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 30.00     | 0.0000 | P   | 11.6 |
| 2 | <input checked="" type="checkbox"/> | 0.100    |            | 112.23    | 0.0001 | P   | 19.2 |
| 3 | <input type="checkbox"/>            | 1.000    | 0.975      | 724.48    | 0.0006 | P   | 2.4  |
| 4 | <input type="checkbox"/>            | 50.000   | 52.300     | 36427.08  | 0.0301 | P   | 1.4  |
| 5 | <input type="checkbox"/>            | 125.000  | 128.651    | 86246.07  | 0.0741 | P   | 0.5  |
| 6 | <input type="checkbox"/>            | 250.000  | 256.036    | 156625.76 | 0.1474 | P   | 0.5  |
| 7 | <input type="checkbox"/>            | 500.000  | 508.294    | 298680.77 | 0.2925 | P   | 0.4  |
| 8 | <input type="checkbox"/>            | 1000.000 | 993.773    | 574066.91 | 0.5719 | P   | 0.4  |
| 9 | <input type="checkbox"/>            |          |            | 153.34    | 0.0002 | P   | 35.8 |

$$y = 5.7543\text{E-}004 * x + 2.4748\text{E-}005$$

$$R = 0.9999$$

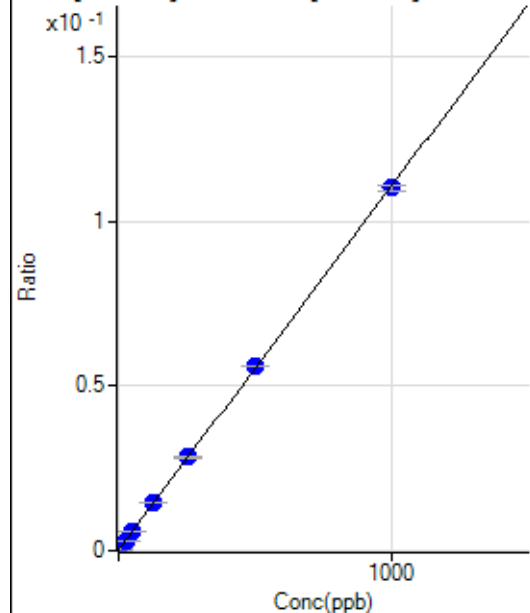
$$DL = 0.015$$

$$BEC = 0.04301$$

Weight: &lt;None&gt;

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]



|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 288.90    | 0.0002 | P   | 19.3 |
| 2 | <input checked="" type="checkbox"/> | 2.500    |            | 541.70    | 0.0004 | P   | 17.2 |
| 3 | <input type="checkbox"/>            | 25.000   | 23.810     | 3545.01   | 0.0029 | P   | 6.1  |
| 4 | <input type="checkbox"/>            | 50.000   | 48.787     | 6799.01   | 0.0056 | P   | 2.6  |
| 5 | <input type="checkbox"/>            | 125.000  | 130.950    | 17104.67  | 0.0147 | P   | 2.3  |
| 6 | <input type="checkbox"/>            | 250.000  | 254.209    | 30066.87  | 0.0283 | P   | 2.2  |
| 7 | <input type="checkbox"/>            | 500.000  | 506.515    | 57314.73  | 0.0561 | P   | 0.3  |
| 8 | <input type="checkbox"/>            | 1000.000 | 995.037    | 110459.40 | 0.1100 | P   | 1.7  |
| 9 | <input type="checkbox"/>            |          |            | 5178.85   | 0.0056 | P   | 8.0  |

$$y = 1.1035\text{E-}004 * x + 2.3839\text{E-}004$$

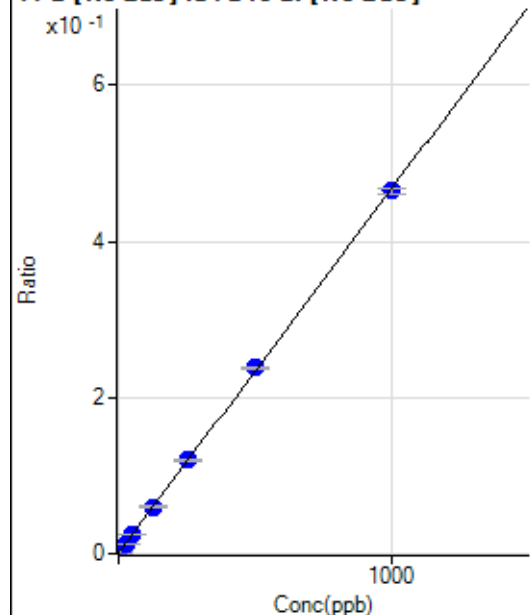
$$R = 0.9999$$

$$DL = 1.25$$

$$BEC = 2.16$$

Weight: &lt;None&gt;

Min Conc: 0

**11 B [No Gas] ISTD:6 Li [No Gas]**

|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|-------------------------------------|----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 1136.20   | 0.0009 | P   | 5.0 |
| 2 | <input checked="" type="checkbox"/> | 2.500    |            | 2450.29   | 0.0020 | P   | 4.8 |
| 3 | <input type="checkbox"/>            | 25.000   | 24.763     | 15433.43  | 0.0125 | P   | 2.2 |
| 4 | <input type="checkbox"/>            | 50.000   | 50.963     | 29866.55  | 0.0247 | P   | 2.0 |
| 5 | <input type="checkbox"/>            | 125.000  | 127.006    | 70040.72  | 0.0601 | P   | 1.7 |
| 6 | <input type="checkbox"/>            | 250.000  | 254.780    | 127234.73 | 0.1197 | P   | 0.7 |
| 7 | <input type="checkbox"/>            | 500.000  | 507.895    | 242709.62 | 0.2377 | P   | 1.5 |
| 8 | <input type="checkbox"/>            | 1000.000 | 994.564    | 466347.81 | 0.4646 | P   | 1.7 |
| 9 | <input type="checkbox"/>            |          |            | 21273.98  | 0.0229 | P   | 8.2 |

$$y = 4.6616\text{E-}004 * x + 9.3705\text{E-}004$$

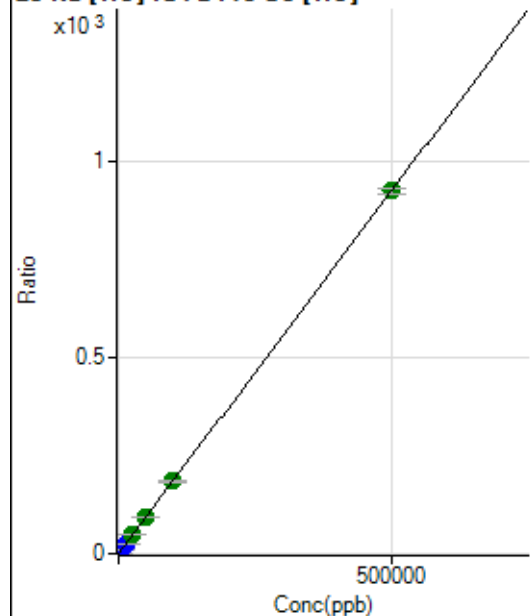
$$R = 0.9999$$

$$DL = 0.3$$

$$BEC = 2.01$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>jc</sub><br>t                | Conc.     | Calc Conc. | CPS        | Ratio    | Det | RSD |
|---|-------------------------------------|-----------|------------|------------|----------|-----|-----|
| 1 | <input type="checkbox"/>            | 0.000     | 0.000      | 1539.03    | 0.0247   | P   | 2.6 |
| 2 | <input checked="" type="checkbox"/> | 50.000    |            | 7513.25    | 0.1185   | P   | 1.8 |
| 3 | <input type="checkbox"/>            | 500.000   | 491.536    | 60497.77   | 0.9342   | P   | 2.1 |
| 4 | <input type="checkbox"/>            | 5000.000  | 5157.019   | 596980.08  | 9.5670   | P   | 9.0 |
| 5 | <input type="checkbox"/>            | 12500.000 | 12717.383  | 1370041.64 | 23.5563  | P   | 1.4 |
| 6 | <input type="checkbox"/>            | 25000.000 | 25284.714  | 2499437.56 | 46.8103  | A   | 0.2 |
| 7 | <input type="checkbox"/>            | 50000.000 | 50315.957  | 4888344.12 | 93.1269  | A   | 0.7 |
| 8 | <input type="checkbox"/>            | 100000.00 | 99431.124  | 9435010.98 | 184.0072 | A   | 0.6 |
| 9 | <input type="checkbox"/>            | 500000.00 | 500060.94  | 45413929.4 | 925.3129 | A   | 1.7 |

$$y = 0.0019 * x + 0.0247$$

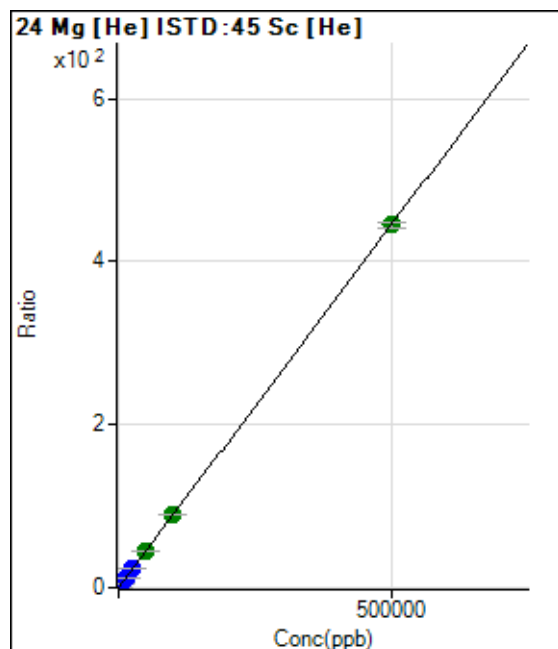
$$R = 1.0000$$

$$DL = 1.047$$

$$BEC = 13.34$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>jc</sub><br>t                | Conc.     | Calc Conc. | CPS        | Ratio    | Det | RSD  |
|---|-------------------------------------|-----------|------------|------------|----------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000     | 0.000      | 122.23     | 0.0020   | P   | 16.5 |
| 2 | <input checked="" type="checkbox"/> | 50.000    |            | 3125.45    | 0.0493   | P   | 2.4  |
| 3 | <input type="checkbox"/>            | 500.000   | 525.820    | 30445.62   | 0.4700   | P   | 2.0  |
| 4 | <input type="checkbox"/>            | 5000.000  | 5327.694   | 296073.50  | 4.7444   | P   | 8.9  |
| 5 | <input type="checkbox"/>            | 12500.000 | 13369.574  | 692283.60  | 11.9029  | P   | 1.2  |
| 6 | <input type="checkbox"/>            | 25000.000 | 26152.381  | 1243113.28 | 23.2815  | P   | 0.6  |
| 7 | <input type="checkbox"/>            | 50000.000 | 50936.374  | 2380099.77 | 45.3430  | A   | 0.8  |
| 8 | <input type="checkbox"/>            | 100000.00 | 100459.11  | 4585292.72 | 89.4257  | A   | 0.8  |
| 9 | <input type="checkbox"/>            | 500000.00 | 499731.87  | 21832805.7 | 444.8384 | A   | 1.4  |

$$y = 8.9015\text{E-}004 * x + 0.0020$$

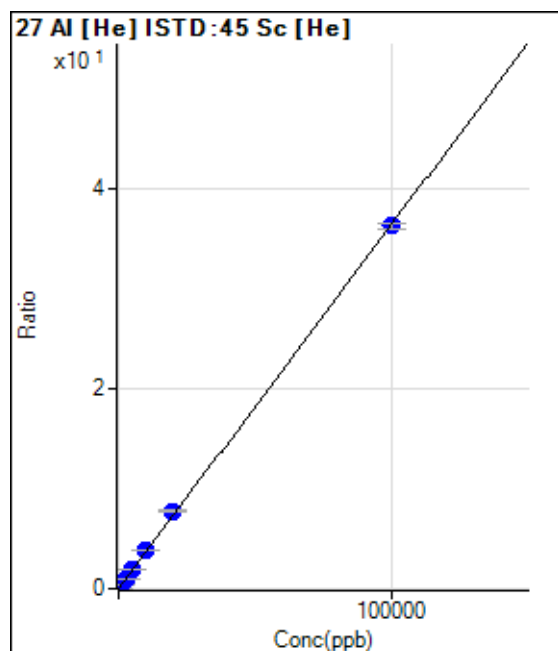
$$R = 1.0000$$

$$DL = 1.093$$

$$BEC = 2.205$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>jc</sub><br>t                | Conc.     | Calc Conc. | CPS        | Ratio   | Det | RSD |
|---|-------------------------------------|-----------|------------|------------|---------|-----|-----|
| 1 | <input type="checkbox"/>            | 0.000     | 0.000      | 130.56     | 0.0021  | P   | 4.5 |
| 2 | <input checked="" type="checkbox"/> | 2.000     |            | 127.79     | 0.0020  | P   | 2.8 |
| 3 | <input type="checkbox"/>            | 20.000    | 20.523     | 619.48     | 0.0096  | P   | 4.1 |
| 4 | <input type="checkbox"/>            | 1000.000  | 1094.625   | 24982.64   | 0.4001  | P   | 7.9 |
| 5 | <input type="checkbox"/>            | 2500.000  | 2761.670   | 58520.38   | 1.0063  | P   | 2.6 |
| 6 | <input type="checkbox"/>            | 5000.000  | 5463.191   | 106177.92  | 1.9886  | P   | 0.4 |
| 7 | <input type="checkbox"/>            | 10000.000 | 10735.743  | 205015.52  | 3.9057  | P   | 0.9 |
| 8 | <input type="checkbox"/>            | 20000.000 | 21363.126  | 398414.78  | 7.7700  | P   | 0.2 |
| 9 | <input type="checkbox"/>            | 100000.00 | 99623.153  | 1778055.55 | 36.2264 | P   | 1.7 |

$$y = 3.6361\text{E-}004 * x + 0.0021$$

$$R = 0.9999$$

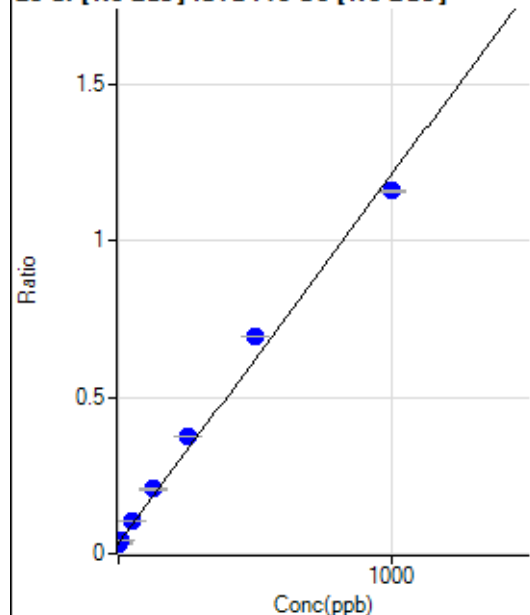
$$DL = 0.783$$

$$BEC = 5.761$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|-------------------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 46965.97   | 0.0336 | P   | 1.8 |
| 2 | <input checked="" type="checkbox"/> | 1.000    |            | 50884.60   | 0.0363 | P   | 1.4 |
| 3 | <input type="checkbox"/>            | 10.000   | 9.574      | 64283.13   | 0.0448 | P   | 0.3 |
| 4 | <input type="checkbox"/>            | 50.000   | 59.519     | 144451.73  | 0.1036 | P   | 1.6 |
| 5 | <input type="checkbox"/>            | 125.000  | 146.860    | 278177.16  | 0.2065 | P   | 1.6 |
| 6 | <input type="checkbox"/>            | 250.000  | 289.537    | 452072.23  | 0.3745 | P   | 0.5 |
| 7 | <input type="checkbox"/>            | 500.000  | 561.264    | 811656.59  | 0.6945 | P   | 0.7 |
| 8 | <input type="checkbox"/>            | 1000.000 | 956.280    | 1328379.78 | 1.1596 | P   | 0.6 |
| 9 | <input type="checkbox"/>            |          |            | 98768.97   | 0.0943 | P   | 1.4 |

$$y = 0.0012 * x + 0.0336$$

$$R = 0.9960$$

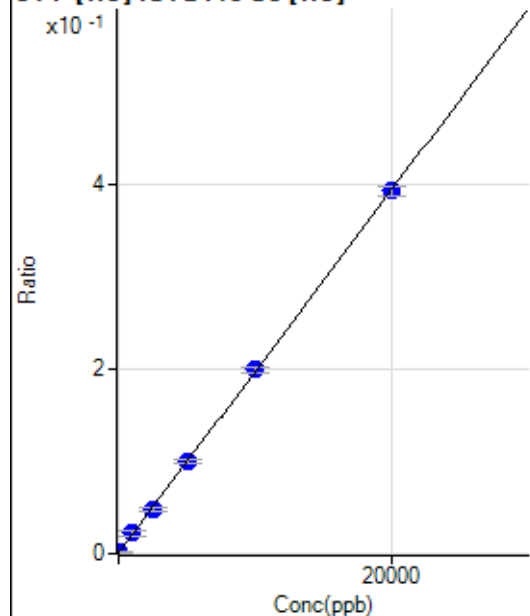
$$DL = 1.557$$

$$BEC = 28.5$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t                | Conc.     | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|-------------------------------------|-----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000     | -21.118    | 25.00    | 0.0004 | P   | 0.9  |
| 2 | <input checked="" type="checkbox"/> | 0.000     |            | 30.56    | 0.0005 | P   | 40.6 |
| 3 | <input type="checkbox"/>            | 0.000     | 21.118     | 80.56    | 0.0012 | P   | 58.8 |
| 4 | <input type="checkbox"/>            | 1000.000  | 1088.119   | 1377.91  | 0.0222 | P   | 22.9 |
| 5 | <input type="checkbox"/>            | 2500.000  | 2423.068   | 2822.61  | 0.0485 | P   | 7.3  |
| 6 | <input type="checkbox"/>            | 5000.000  | 5037.407   | 5340.06  | 0.1000 | P   | 2.7  |
| 7 | <input type="checkbox"/>            | 10000.000 | 10082.540  | 10465.20 | 0.1994 | P   | 2.4  |
| 8 | <input type="checkbox"/>            | 20000.000 | 19954.589  | 20192.11 | 0.3938 | P   | 2.5  |
| 9 | <input type="checkbox"/>            |           |            | 22.22    | 0.0005 | P   | 41.7 |

$$y = 1.9694E-005 * x + 8.1691E-004$$

$$R = 1.0000$$

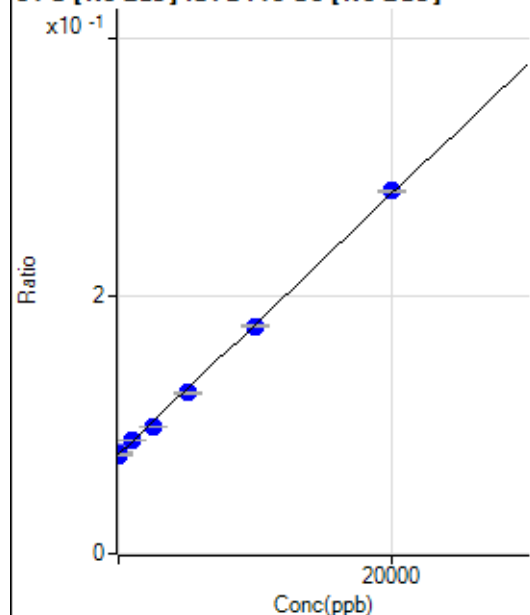
$$DL = 55.46$$

$$BEC = 41.48$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t                | Conc.     | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|-------------------------------------|-----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/>            | 0.000     | 45.994     | 108510.18 | 0.0775 | P   | 1.2 |
| 2 | <input checked="" type="checkbox"/> | 0.000     |            | 110633.93 | 0.0789 | P   | 1.1 |
| 3 | <input type="checkbox"/>            | 0.000     | -45.994    | 109827.37 | 0.0766 | P   | 2.2 |
| 4 | <input type="checkbox"/>            | 1000.000  | 1078.114   | 122623.65 | 0.0880 | P   | 1.0 |
| 5 | <input type="checkbox"/>            | 2500.000  | 2153.690   | 133206.98 | 0.0989 | P   | 0.2 |
| 6 | <input type="checkbox"/>            | 5000.000  | 4709.798   | 150594.65 | 0.1248 | P   | 0.6 |
| 7 | <input type="checkbox"/>            | 10000.000 | 9801.748   | 206049.92 | 0.1763 | P   | 0.9 |
| 8 | <input type="checkbox"/>            | 20000.000 | 20211.059  | 322680.29 | 0.2817 | P   | 0.8 |
| 9 | <input type="checkbox"/>            |           |            | 78861.29  | 0.0753 | P   | 1.7 |

$$y = 1.0124\text{E-}005 * x + 0.0771$$

$$R = 0.9997$$

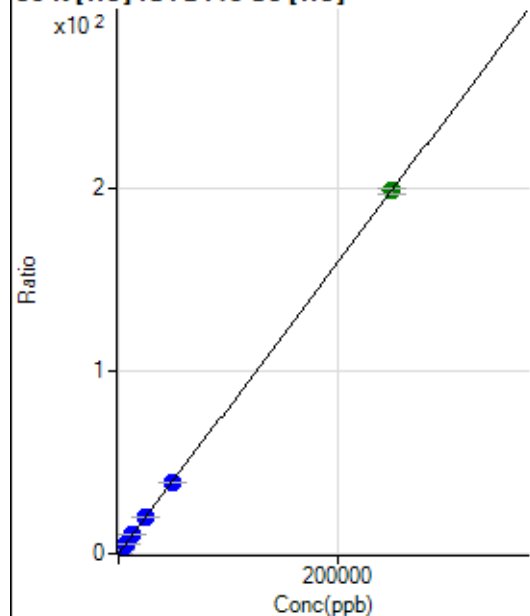
$$DL = 387.6$$

$$BEC = 7613$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t                | Conc.     | Calc Conc. | CPS        | Ratio    | Det | RSD |
|---|-------------------------------------|-----------|------------|------------|----------|-----|-----|
| 1 | <input type="checkbox"/>            | 0.000     | 0.000      | 3264.36    | 0.0523   | P   | 7.4 |
| 2 | <input checked="" type="checkbox"/> | 50.000    |            | 5898.64    | 0.0930   | P   | 6.3 |
| 3 | <input type="checkbox"/>            | 500.000   | 483.016    | 28205.25   | 0.4357   | P   | 4.6 |
| 4 | <input type="checkbox"/>            | 2500.000  | 2630.281   | 133588.01  | 2.1400   | P   | 8.3 |
| 5 | <input type="checkbox"/>            | 6250.000  | 6545.617   | 305192.48  | 5.2475   | P   | 1.5 |
| 6 | <input type="checkbox"/>            | 12500.000 | 12953.467  | 551746.20  | 10.3333  | P   | 0.8 |
| 7 | <input type="checkbox"/>            | 25000.000 | 25568.653  | 1067976.16 | 20.3458  | P   | 0.7 |
| 8 | <input type="checkbox"/>            | 50000.000 | 49499.422  | 2017146.03 | 39.3392  | P   | 0.4 |
| 9 | <input type="checkbox"/>            | 250000.00 | 250011.91  | 9741732.51 | 198.4828 | A   | 1.4 |

$$y = 7.9368\text{E-}004 * x + 0.0523$$

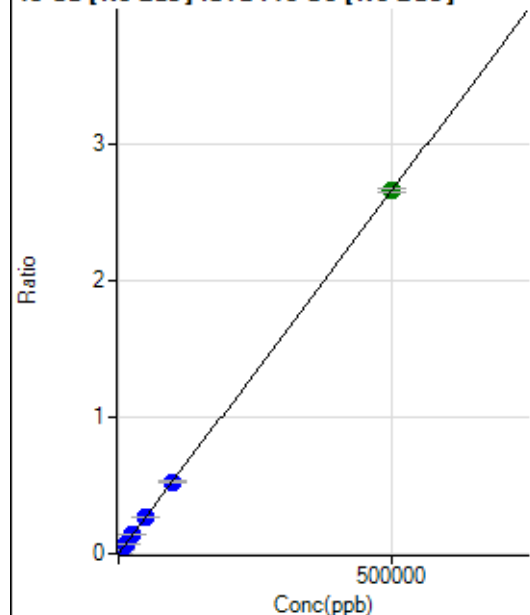
$$R = 1.0000$$

$$DL = 14.64$$

$$BEC = 65.95$$

Weight: &lt;None&gt;

Min Conc: 0

**43 Ca [No Gas] ISTD:45 Sc [No Gas]**

|   | R <sub>jc</sub><br>t                | Conc.     | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|-------------------------------------|-----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000     | 0.000      | 97.23      | 0.0001 | P   | 13.9 |
| 2 | <input checked="" type="checkbox"/> | 50.000    |            | 513.91     | 0.0004 | P   | 8.3  |
| 3 | <input type="checkbox"/>            | 500.000   | 457.068    | 3581.13    | 0.0025 | P   | 5.9  |
| 4 | <input type="checkbox"/>            | 5000.000  | 5017.147   | 37236.66   | 0.0267 | P   | 0.6  |
| 5 | <input type="checkbox"/>            | 12500.000 | 12396.186  | 88796.13   | 0.0659 | P   | 0.7  |
| 6 | <input type="checkbox"/>            | 25000.000 | 25275.607  | 162150.98  | 0.1343 | P   | 0.5  |
| 7 | <input type="checkbox"/>            | 50000.000 | 49981.448  | 310355.86  | 0.2655 | P   | 0.6  |
| 8 | <input type="checkbox"/>            | 100000.00 | 99311.886  | 604341.02  | 0.5276 | P   | 0.3  |
| 9 | <input type="checkbox"/>            | 500000.00 | 500128.16  | 2781592.21 | 2.6565 | A   | 1.2  |

$$y = 5.3115E-006 * x + 6.9527E-005$$

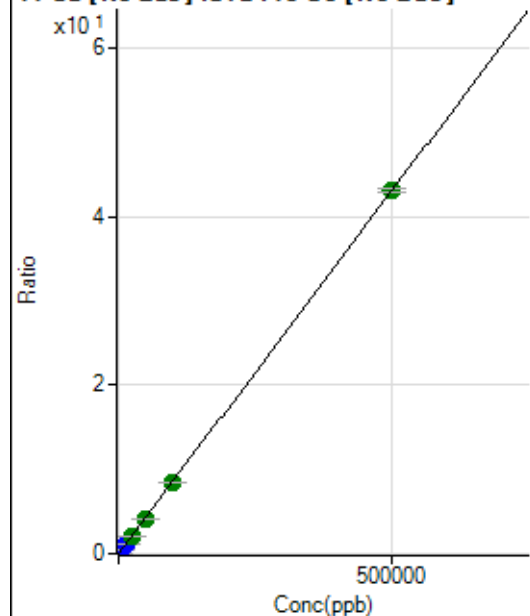
$$R = 1.0000$$

$$DL = 5.456$$

$$BEC = 13.09$$

Weight: &lt;None&gt;

Min Conc: 0

**44 Ca [No Gas] ISTD:45 Sc [No Gas]**

|   | R <sub>jc</sub><br>t                | Conc.     | Calc Conc. | CPS        | Ratio   | Det | RSD |
|---|-------------------------------------|-----------|------------|------------|---------|-----|-----|
| 1 | <input type="checkbox"/>            | 0.000     | 0.000      | 2378.09    | 0.0017  | P   | 4.0 |
| 2 | <input checked="" type="checkbox"/> | 50.000    |            | 8714.02    | 0.0062  | P   | 1.3 |
| 3 | <input type="checkbox"/>            | 500.000   | 473.170    | 60875.67   | 0.0425  | P   | 1.2 |
| 4 | <input type="checkbox"/>            | 5000.000  | 4932.900   | 594578.73  | 0.4266  | P   | 0.5 |
| 5 | <input type="checkbox"/>            | 12500.000 | 12005.454  | 1395523.27 | 1.0359  | P   | 0.5 |
| 6 | <input type="checkbox"/>            | 25000.000 | 24583.226  | 2558350.41 | 2.1193  | A   | 0.2 |
| 7 | <input type="checkbox"/>            | 50000.000 | 49004.043  | 4935530.01 | 4.2229  | A   | 0.2 |
| 8 | <input type="checkbox"/>            | 100000.00 | 98190.316  | 9691016.63 | 8.4598  | A   | 0.3 |
| 9 | <input type="checkbox"/>            | 500000.00 | 500495.43  | 45144901.7 | 43.1145 | A   | 1.1 |

$$y = 8.6140E-005 * x + 0.0017$$

$$R = 1.0000$$

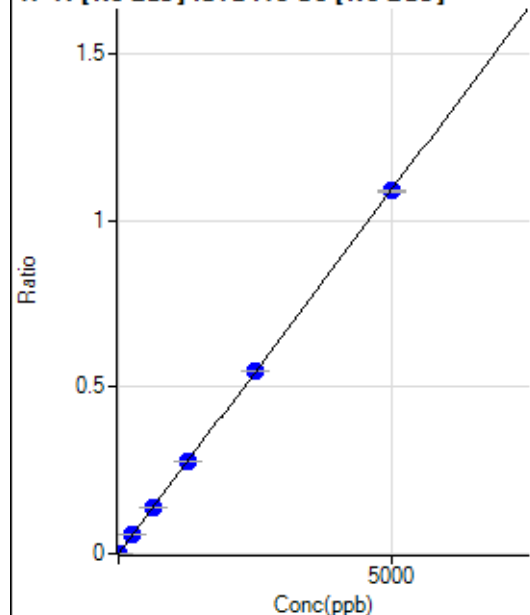
$$DL = 2.384$$

$$BEC = 19.73$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>t                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 22.22      | 0.0000 | P   | 77.8 |
| 2 | <input checked="" type="checkbox"/> | 0.500    |            | 194.45     | 0.0001 | P   | 11.6 |
| 3 | <input type="checkbox"/>            | 5.000    | 4.953      | 1575.14    | 0.0011 | P   | 8.4  |
| 4 | <input type="checkbox"/>            | 250.000  | 256.127    | 78040.14   | 0.0560 | P   | 0.8  |
| 5 | <input type="checkbox"/>            | 625.000  | 632.940    | 186392.03  | 0.1384 | P   | 1.3  |
| 6 | <input type="checkbox"/>            | 1250.000 | 1273.663   | 336066.22  | 0.2784 | P   | 0.5  |
| 7 | <input type="checkbox"/>            | 2500.000 | 2509.213   | 640963.64  | 0.5484 | P   | 0.8  |
| 8 | <input type="checkbox"/>            | 5000.000 | 4988.179   | 1248901.28 | 1.0902 | P   | 0.3  |
| 9 | <input type="checkbox"/>            |          |            | 452.81     | 0.0004 | P   | 11.9 |

$$y = 2.1856E-004 * x + 1.5836E-005$$

$$R = 1.0000$$

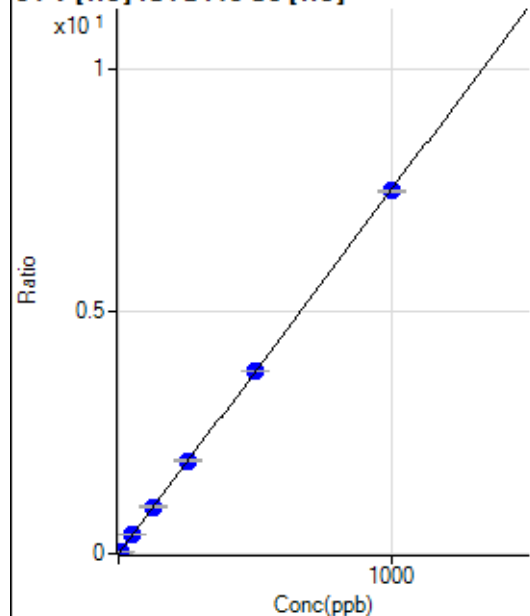
$$DL = 0.1691$$

$$BEC = 0.07246$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>t                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 1.11      | 0.0000 | P   | 173. |
| 2 | <input checked="" type="checkbox"/> | 0.500    |            | 267.78    | 0.0042 | P   | 10.8 |
| 3 | <input type="checkbox"/>            | 5.000    | 5.294      | 2578.04   | 0.0398 | P   | 1.7  |
| 4 | <input type="checkbox"/>            | 50.000   | 52.237     | 24517.25  | 0.3924 | P   | 6.9  |
| 5 | <input type="checkbox"/>            | 125.000  | 128.662    | 56212.17  | 0.9666 | P   | 2.4  |
| 6 | <input type="checkbox"/>            | 250.000  | 256.002    | 102688.08 | 1.9232 | P   | 0.6  |
| 7 | <input type="checkbox"/>            | 500.000  | 502.858    | 198298.36 | 3.7777 | P   | 0.2  |
| 8 | <input type="checkbox"/>            | 1000.000 | 996.500    | 383851.15 | 7.4861 | P   | 0.4  |
| 9 | <input type="checkbox"/>            |          |            | 40.00     | 0.0008 | P   | 36.8 |

$$y = 0.0075 * x + 1.7897E-005$$

$$R = 1.0000$$

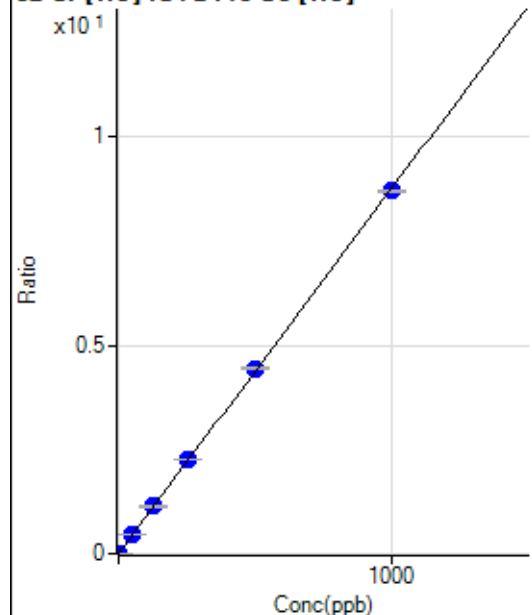
$$DL = 0.01238$$

$$BEC = 0.002382$$

Weight: &lt;None&gt;

Min Conc: 0



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

|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 135.56    | 0.0022 | P   | 8.4  |
| 2 | <input checked="" type="checkbox"/> | 0.200    |            | 261.12    | 0.0041 | P   | 13.3 |
| 3 | <input type="checkbox"/>            | 2.000    | 2.047      | 1301.19   | 0.0201 | P   | 4.5  |
| 4 | <input type="checkbox"/>            | 50.000   | 51.965     | 28541.13  | 0.4569 | P   | 7.2  |
| 5 | <input type="checkbox"/>            | 125.000  | 129.157    | 65865.20  | 1.1325 | P   | 1.3  |
| 6 | <input type="checkbox"/>            | 250.000  | 256.307    | 119885.39 | 2.2452 | P   | 0.5  |
| 7 | <input type="checkbox"/>            | 500.000  | 507.713    | 233347.50 | 4.4454 | P   | 0.6  |
| 8 | <input type="checkbox"/>            | 1000.000 | 993.949    | 446134.12 | 8.7006 | P   | 0.2  |
| 9 | <input type="checkbox"/>            |          |            | 3305.98   | 0.0674 | P   | 2.7  |

$$y = 0.0088 * x + 0.0022$$

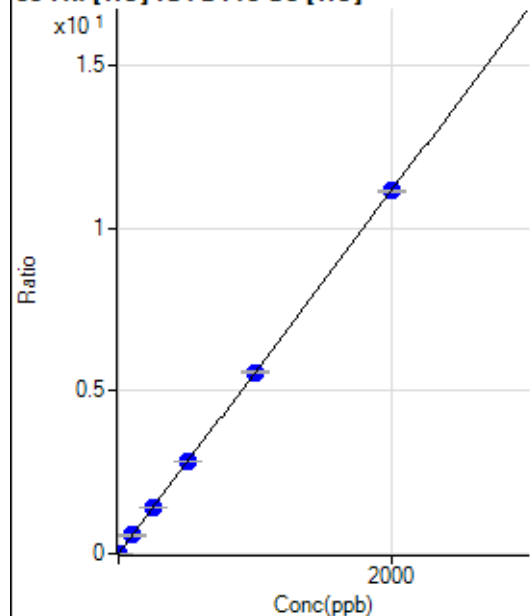
$$R = 0.9999$$

$$DL = 0.06267$$

$$BEC = 0.2483$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS       | Ratio   | Det | RSD  |
|---|-------------------------------------|----------|------------|-----------|---------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 16.67     | 0.0003  | P   | 20.7 |
| 2 | <input checked="" type="checkbox"/> | 0.100    |            | 54.44     | 0.0009  | P   | 21.7 |
| 3 | <input type="checkbox"/>            | 1.000    | 1.078      | 406.68    | 0.0063  | P   | 10.2 |
| 4 | <input type="checkbox"/>            | 100.000  | 101.514    | 35382.61  | 0.5670  | P   | 8.9  |
| 5 | <input type="checkbox"/>            | 250.000  | 252.620    | 82037.90  | 1.4105  | P   | 1.2  |
| 6 | <input type="checkbox"/>            | 500.000  | 507.196    | 151201.68 | 2.8317  | P   | 1.0  |
| 7 | <input type="checkbox"/>            | 1000.000 | 998.502    | 292612.29 | 5.5745  | P   | 0.6  |
| 8 | <input type="checkbox"/>            | 2000.000 | 1998.547   | 572098.20 | 11.1573 | P   | 0.2  |
| 9 | <input type="checkbox"/>            |          |            | 1375.64   | 0.0280  | P   | 9.6  |

$$y = 0.0056 * x + 2.6760E-004$$

$$R = 1.0000$$

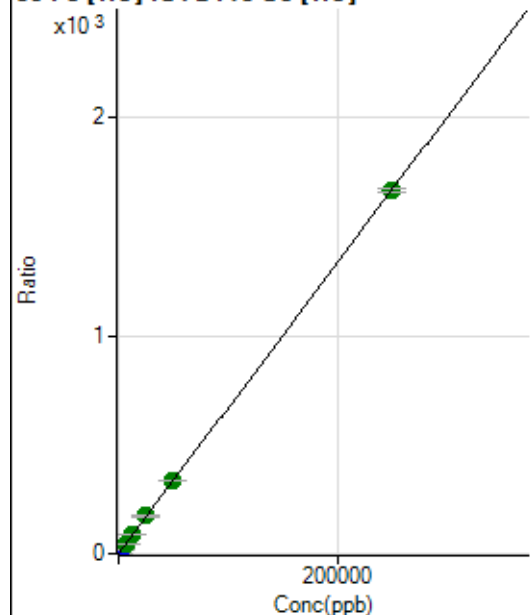
$$DL = 0.02974$$

$$BEC = 0.04794$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t                | Conc.     | Calc Conc. | CPS        | Ratio     | Det | RSD  |
|---|-------------------------------------|-----------|------------|------------|-----------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000     | 0.000      | 733.37     | 0.0118    | P   | 19.6 |
| 2 | <input checked="" type="checkbox"/> | 5.000     |            | 3311.58    | 0.0522    | P   | 2.2  |
| 3 | <input type="checkbox"/>            | 50.000    | 55.104     | 24531.93   | 0.3788    | P   | 2.4  |
| 4 | <input type="checkbox"/>            | 2500.000  | 2714.143   | 1128712.13 | 18.0910   | P   | 9.3  |
| 5 | <input type="checkbox"/>            | 6250.000  | 6548.103   | 2537536.98 | 43.6295   | A   | 1.2  |
| 6 | <input type="checkbox"/>            | 12500.000 | 13077.956  | 4652091.54 | 87.1257   | A   | 0.3  |
| 7 | <input type="checkbox"/>            | 25000.000 | 25855.253  | 9040884.58 | 172.2368  | A   | 0.8  |
| 8 | <input type="checkbox"/>            | 50000.000 | 50695.080  | 17315539.2 | 337.6980  | A   | 0.7  |
| 9 | <input type="checkbox"/>            | 250000.00 | 249736.96  | 81648887.9 | 1,663.541 | A   | 0.9  |

$$y = 0.0067 * x + 0.0118$$

$$R = 1.0000$$

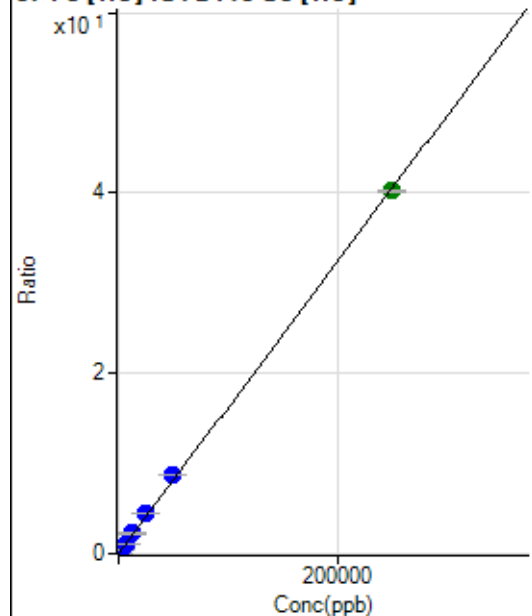
$$DL = 1.037$$

$$BEC = 1.765$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t                | Conc.     | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|-------------------------------------|-----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000     | 0.000      | 20.37      | 0.0003  | P   | 79.2 |
| 2 | <input checked="" type="checkbox"/> | 5.000     |            | 100.00     | 0.0016  | P   | 18.9 |
| 3 | <input type="checkbox"/>            | 50.000    | 62.046     | 672.26     | 0.0104  | P   | 11.9 |
| 4 | <input type="checkbox"/>            | 2500.000  | 2877.474   | 29029.10   | 0.4655  | P   | 10.4 |
| 5 | <input type="checkbox"/>            | 6250.000  | 6950.856   | 65378.54   | 1.1241  | P   | 1.7  |
| 6 | <input type="checkbox"/>            | 12500.000 | 13894.107  | 119956.49  | 2.2467  | P   | 1.5  |
| 7 | <input type="checkbox"/>            | 25000.000 | 27363.733  | 232239.24  | 4.4244  | P   | 0.8  |
| 8 | <input type="checkbox"/>            | 50000.000 | 54023.375  | 447871.30  | 8.7346  | P   | 0.3  |
| 9 | <input type="checkbox"/>            | 250000.00 | 248867.94  | 1974883.07 | 40.2361 | A   | 0.7  |

$$y = 1.6168E-004 * x + 3.2746E-004$$

$$R = 0.9998$$

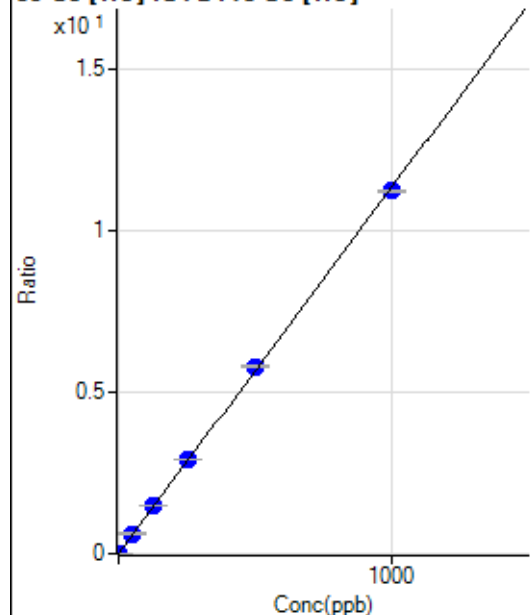
$$DL = 4.811$$

$$BEC = 2.025$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS       | Ratio   | Det | RSD  |
|---|-------------------------------------|----------|------------|-----------|---------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 5.56      | 0.0001  | P   | 34.4 |
| 2 | <input checked="" type="checkbox"/> | 0.100    |            | 81.11     | 0.0013  | P   | 7.8  |
| 3 | <input type="checkbox"/>            | 1.000    | 1.084      | 800.03    | 0.0124  | P   | 6.0  |
| 4 | <input type="checkbox"/>            | 50.000   | 53.545     | 37832.10  | 0.6064  | P   | 9.5  |
| 5 | <input type="checkbox"/>            | 125.000  | 131.938    | 86898.60  | 1.4942  | P   | 2.2  |
| 6 | <input type="checkbox"/>            | 250.000  | 258.538    | 156326.40 | 2.9278  | P   | 1.1  |
| 7 | <input type="checkbox"/>            | 500.000  | 511.566    | 304098.49 | 5.7932  | P   | 1.0  |
| 8 | <input type="checkbox"/>            | 1000.000 | 991.038    | 575454.80 | 11.2228 | P   | 0.6  |
| 9 | <input type="checkbox"/>            |          |            | 6558.22   | 0.1336  | P   | 3.2  |

$$y = 0.0113 * x + 8.9039E-005$$

$$R = 0.9999$$

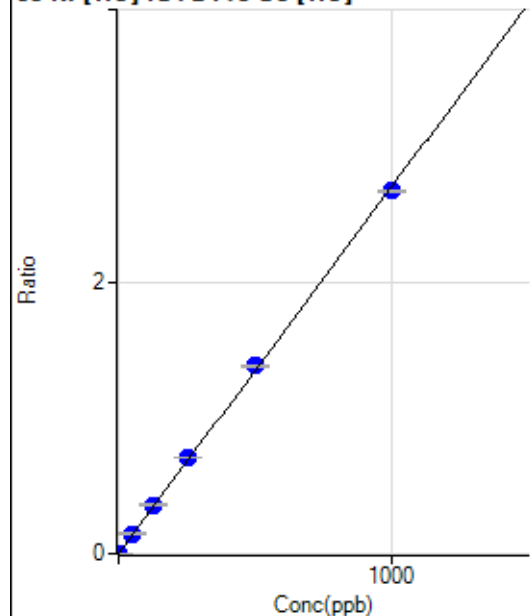
$$DL = 0.008113$$

$$BEC = 0.007863$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 11.11     | 0.0002 | P   | 34.3 |
| 2 | <input checked="" type="checkbox"/> | 0.100    |            | 41.11     | 0.0006 | P   | 59.7 |
| 3 | <input type="checkbox"/>            | 1.000    | 1.003      | 186.67    | 0.0029 | P   | 17.6 |
| 4 | <input type="checkbox"/>            | 50.000   | 53.964     | 9091.82   | 0.1458 | P   | 10.3 |
| 5 | <input type="checkbox"/>            | 125.000  | 133.542    | 20969.64  | 0.3605 | P   | 1.2  |
| 6 | <input type="checkbox"/>            | 250.000  | 261.809    | 37732.95  | 0.7067 | P   | 0.4  |
| 7 | <input type="checkbox"/>            | 500.000  | 512.300    | 72577.37  | 1.3826 | P   | 0.7  |
| 8 | <input type="checkbox"/>            | 1000.000 | 989.632    | 136942.59 | 2.6707 | P   | 0.4  |
| 9 | <input type="checkbox"/>            |          |            | 1707.90   | 0.0348 | P   | 3.3  |

$$y = 0.0027 * x + 1.7804E-004$$

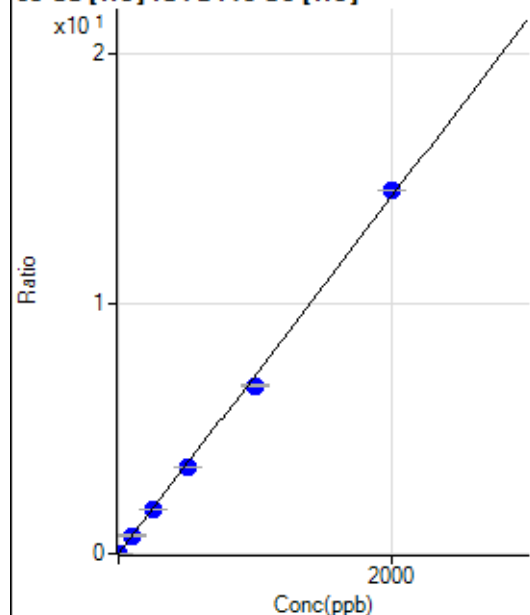
$$R = 0.9998$$

$$DL = 0.06793$$

$$BEC = 0.06598$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS       | Ratio   | Det | RSD  |
|---|-------------------------------------|----------|------------|-----------|---------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 116.67    | 0.0019  | P   | 26.9 |
| 2 | <input checked="" type="checkbox"/> | 0.200    |            | 195.56    | 0.0031  | P   | 8.7  |
| 3 | <input type="checkbox"/>            | 2.000    | 1.775      | 942.27    | 0.0146  | P   | 7.0  |
| 4 | <input type="checkbox"/>            | 100.000  | 99.920     | 44633.47  | 0.7155  | P   | 9.5  |
| 5 | <input type="checkbox"/>            | 250.000  | 245.166    | 101948.23 | 1.7528  | P   | 0.7  |
| 6 | <input type="checkbox"/>            | 500.000  | 484.461    | 184837.49 | 3.4618  | P   | 0.7  |
| 7 | <input type="checkbox"/>            | 1000.000 | 942.499    | 353432.06 | 6.7330  | P   | 0.4  |
| 8 | <input type="checkbox"/>            | 2000.000 | 2033.244   | 744678.77 | 14.5229 | P   | 0.1  |
| 9 | <input type="checkbox"/>            |          |            | 805.59    | 0.0164  | P   | 0.9  |

$$y = 0.0071 * x + 0.0019$$

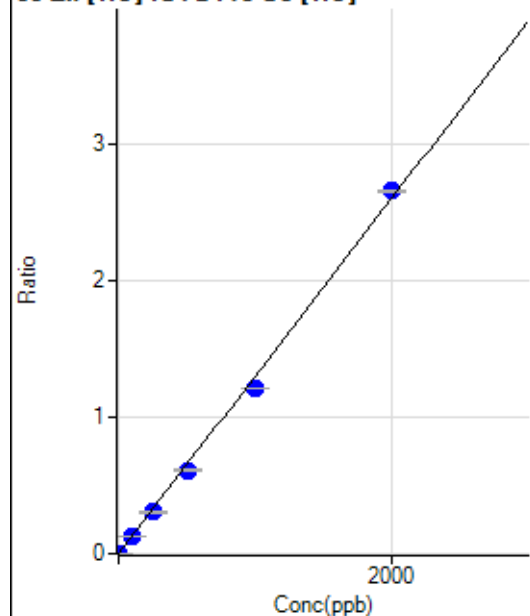
$$R = 0.9994$$

$$DL = 0.2115$$

$$BEC = 0.2624$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 40.00     | 0.0006 | P   | 52.6 |
| 2 | <input checked="" type="checkbox"/> | 0.200    |            | 51.11     | 0.0008 | P   | 30.7 |
| 3 | <input type="checkbox"/>            | 2.000    | 1.830      | 195.56    | 0.0030 | P   | 4.8  |
| 4 | <input type="checkbox"/>            | 100.000  | 96.812     | 7890.02   | 0.1264 | P   | 9.1  |
| 5 | <input type="checkbox"/>            | 250.000  | 232.650    | 17623.04  | 0.3030 | P   | 0.8  |
| 6 | <input type="checkbox"/>            | 500.000  | 468.215    | 32520.88  | 0.6091 | P   | 1.5  |
| 7 | <input type="checkbox"/>            | 1000.000 | 933.206    | 63689.18  | 1.2133 | P   | 0.2  |
| 8 | <input type="checkbox"/>            | 2000.000 | 2043.671   | 136205.43 | 2.6563 | P   | 0.3  |
| 9 | <input type="checkbox"/>            |          |            | 761.14    | 0.0155 | P   | 1.9  |

$$y = 0.0013 * x + 6.4292E-004$$

$$R = 0.9990$$

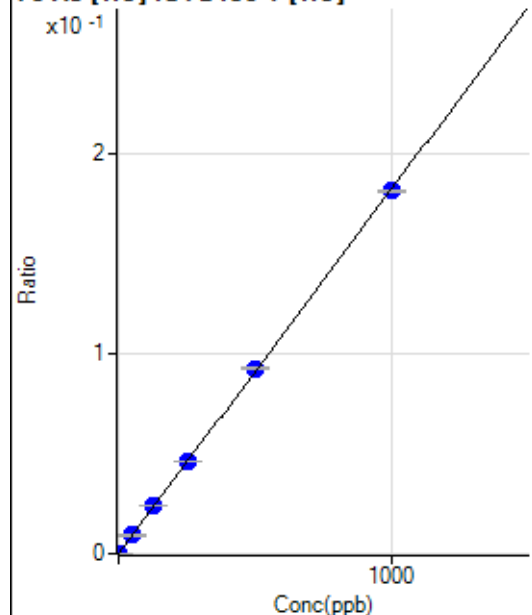
$$DL = 0.7802$$

$$BEC = 0.4948$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 3.08     | 0.0000 | P   | 34.6 |
| 2 | <input checked="" type="checkbox"/> | 0.100    |            | 7.41     | 0.0000 | P   | 24.6 |
| 3 | <input type="checkbox"/>            | 1.000    | 1.123      | 58.64    | 0.0002 | P   | 17.4 |
| 4 | <input type="checkbox"/>            | 50.000   | 50.198     | 2425.53  | 0.0092 | P   | 5.7  |
| 5 | <input type="checkbox"/>            | 125.000  | 130.377    | 5910.51  | 0.0238 | P   | 0.2  |
| 6 | <input type="checkbox"/>            | 250.000  | 253.211    | 10744.77 | 0.0461 | P   | 0.5  |
| 7 | <input type="checkbox"/>            | 500.000  | 506.931    | 21129.01 | 0.0923 | P   | 1.1  |
| 8 | <input type="checkbox"/>            | 1000.000 | 995.049    | 40462.84 | 0.1812 | P   | 0.4  |
| 9 | <input type="checkbox"/>            |          |            | 66.05    | 0.0003 | P   | 12.9 |

$$y = 1.8208\text{E-}004 * x + 1.1696\text{E-}005$$

$$R = 0.9999$$

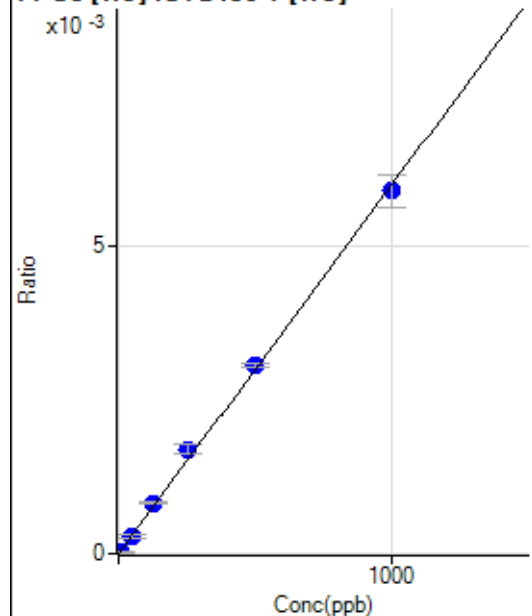
$$DL = 0.06663$$

$$BEC = 0.06423$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS     | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|---------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 0.00    | 0.0000 | P   |      |
| 2 | <input checked="" type="checkbox"/> | 0.500    |            | 1.11    | 0.0000 | P   | 173. |
| 3 | <input type="checkbox"/>            | 5.000    | 4.180      | 6.67    | 0.0000 | P   | 101. |
| 4 | <input type="checkbox"/>            | 50.000   | 47.089     | 74.45   | 0.0003 | P   | 23.4 |
| 5 | <input type="checkbox"/>            | 125.000  | 138.239    | 205.56  | 0.0008 | P   | 5.4  |
| 6 | <input type="checkbox"/>            | 250.000  | 283.588    | 394.46  | 0.0017 | P   | 9.0  |
| 7 | <input type="checkbox"/>            | 500.000  | 511.035    | 698.92  | 0.0031 | P   | 2.6  |
| 8 | <input type="checkbox"/>            | 1000.000 | 984.580    | 1313.41 | 0.0059 | P   | 8.9  |
| 9 | <input type="checkbox"/>            |          |            | 0.00    | 0.0000 | P   |      |

$$y = 5.9761\text{E-}006 * x + 0.0000\text{E+}000$$

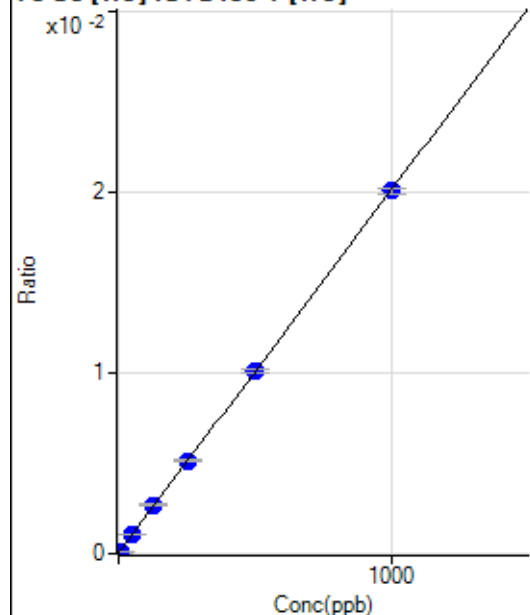
$$R = 0.9992$$

$$DL = 0$$

$$BEC = 0$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS     | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|---------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 11.11   | 0.0000 | P   | 28.3 |
| 2 | <input checked="" type="checkbox"/> | 0.500    |            | 10.49   | 0.0000 | P   | 100. |
| 3 | <input type="checkbox"/>            | 5.000    | 5.068      | 38.89   | 0.0001 | P   | 10.4 |
| 4 | <input type="checkbox"/>            | 50.000   | 51.147     | 283.34  | 0.0011 | P   | 6.7  |
| 5 | <input type="checkbox"/>            | 125.000  | 131.858    | 669.78  | 0.0027 | P   | 5.7  |
| 6 | <input type="checkbox"/>            | 250.000  | 253.242    | 1195.12 | 0.0051 | P   | 2.0  |
| 7 | <input type="checkbox"/>            | 500.000  | 502.366    | 2319.96 | 0.0101 | P   | 2.3  |
| 8 | <input type="checkbox"/>            | 1000.000 | 997.092    | 4483.45 | 0.0201 | P   | 1.5  |
| 9 | <input type="checkbox"/>            |          |            | 11.73   | 0.0001 | P   | 22.7 |

$$y = 2.0094\text{E-}005 * x + 4.2112\text{E-}005$$

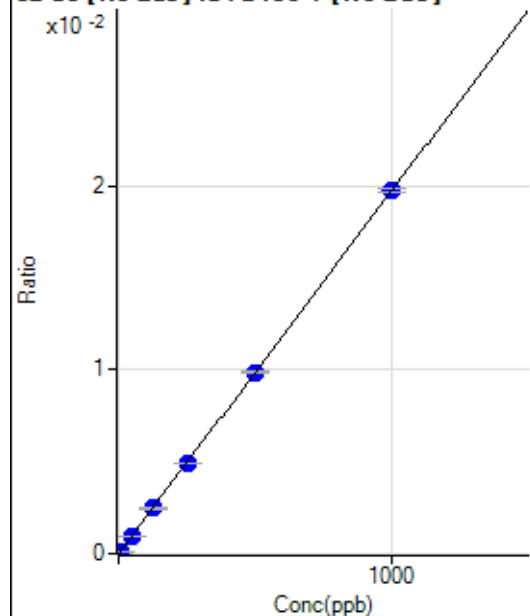
$$R = 1.0000$$

$$DL = 1.777$$

$$BEC = 2.096$$

Weight: &lt;None&gt;

Min Conc: 0

**82 Se [No Gas] ISTD:89 Y [No Gas]**

|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 11.85    | 0.0000 | P   | 104. |
| 2 | <input checked="" type="checkbox"/> | 0.500    |            | 23.95    | 0.0000 | P   | 56.6 |
| 3 | <input type="checkbox"/>            | 5.000    | 5.081      | 182.80   | 0.0001 | P   | 21.4 |
| 4 | <input type="checkbox"/>            | 50.000   | 48.959     | 1629.24  | 0.0010 | P   | 2.7  |
| 5 | <input type="checkbox"/>            | 125.000  | 124.575    | 4020.80  | 0.0025 | P   | 1.4  |
| 6 | <input type="checkbox"/>            | 250.000  | 247.884    | 7444.14  | 0.0049 | P   | 0.6  |
| 7 | <input type="checkbox"/>            | 500.000  | 500.337    | 14478.69 | 0.0099 | P   | 1.1  |
| 8 | <input type="checkbox"/>            | 1000.000 | 1000.465   | 28573.98 | 0.0198 | P   | 1.0  |
| 9 | <input type="checkbox"/>            |          |            | 7.78     | 0.0000 | P   | 101. |

$$y = 1.9739\text{E-}005 * x + 7.1171\text{E-}006$$

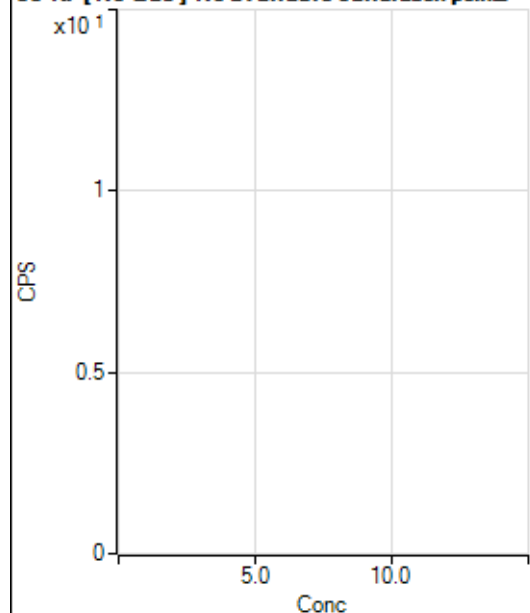
$$R = 1.0000$$

$$DL = 1.132$$

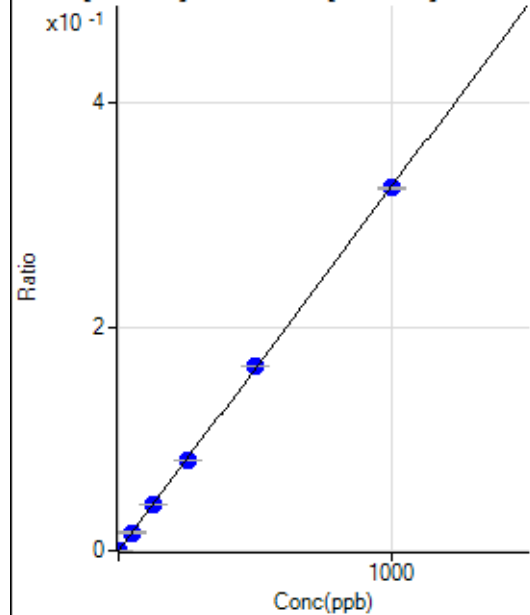
$$BEC = 0.3606$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rjct                     | Conc. | Calc Conc. | CPS   | Ratio | Det. | RSD  |
|---|--------------------------|-------|------------|-------|-------|------|------|
| 1 | <input type="checkbox"/> |       |            | 40.00 |       | P    | 14.4 |
| 2 | <input type="checkbox"/> |       |            | 37.78 |       | P    | 36.7 |
| 3 | <input type="checkbox"/> |       |            | 37.78 |       | P    | 35.7 |
| 4 | <input type="checkbox"/> |       |            | 51.11 |       | P    | 24.7 |
| 5 | <input type="checkbox"/> |       |            | 41.11 |       | P    | 55.2 |
| 6 | <input type="checkbox"/> |       |            | 38.89 |       | P    | 35.7 |
| 7 | <input type="checkbox"/> |       |            | 38.89 |       | P    | 13.1 |
| 8 | <input type="checkbox"/> |       |            | 48.89 |       | P    | 10.4 |
| 9 | <input type="checkbox"/> |       |            | 36.67 |       | P    | 24.1 |

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

|   | Rjct                                | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|-------------------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 91.67     | 0.0001 | P    | 14.5 |
| 2 | <input checked="" type="checkbox"/> | 0.100    |            | 166.67    | 0.0001 | P    | 0.8  |
| 3 | <input type="checkbox"/>            | 1.000    | 0.914      | 600.04    | 0.0004 | P    | 17.5 |
| 4 | <input type="checkbox"/>            | 50.000   | 49.601     | 27073.45  | 0.0162 | P    | 2.4  |
| 5 | <input type="checkbox"/>            | 125.000  | 125.158    | 66415.12  | 0.0407 | P    | 1.3  |
| 6 | <input type="checkbox"/>            | 250.000  | 250.042    | 123546.90 | 0.0813 | P    | 0.4  |
| 7 | <input type="checkbox"/>            | 500.000  | 506.792    | 241395.42 | 0.1648 | P    | 0.4  |
| 8 | <input type="checkbox"/>            | 1000.000 | 996.594    | 468595.22 | 0.3240 | P    | 0.5  |
| 9 | <input type="checkbox"/>            |          |            | 1964.11   | 0.0015 | P    | 0.9  |

$$y = 3.2503E-004 * x + 5.5090E-005$$

$$R = 1.0000$$

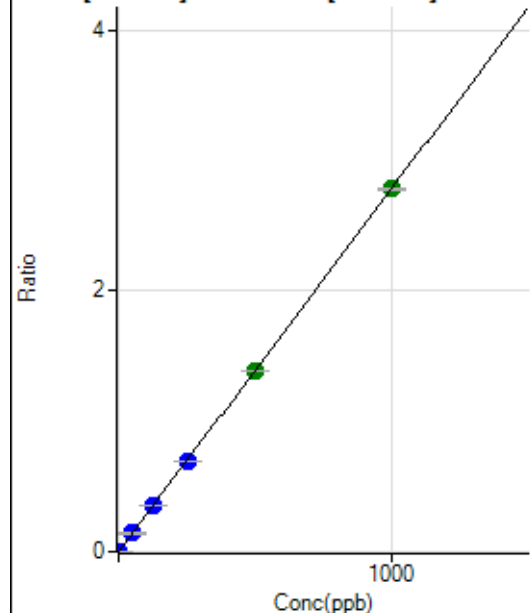
$$DL = 0.07387$$

$$BEC = 0.1695$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 247.24     | 0.0001 | P   | 22.5 |
| 2 | <input checked="" type="checkbox"/> | 0.100    |            | 766.72     | 0.0005 | P   | 14.1 |
| 3 | <input type="checkbox"/>            | 1.000    | 0.890      | 4467.55    | 0.0026 | P   | 2.1  |
| 4 | <input type="checkbox"/>            | 50.000   | 50.319     | 234393.61  | 0.1400 | P   | 1.2  |
| 5 | <input type="checkbox"/>            | 125.000  | 125.240    | 567937.81  | 0.3483 | P   | 0.5  |
| 6 | <input type="checkbox"/>            | 250.000  | 249.696    | 1054866.26 | 0.6944 | P   | 0.9  |
| 7 | <input type="checkbox"/>            | 500.000  | 500.291    | 2037912.50 | 1.3911 | A   | 0.0  |
| 8 | <input type="checkbox"/>            | 1000.000 | 999.885    | 4021026.96 | 2.7800 | A   | 0.4  |
| 9 | <input type="checkbox"/>            |          |            | 15553.49   | 0.0116 | P   | 3.9  |

$$y = 0.0028 * x + 1.4891E-004$$

$$R = 1.0000$$

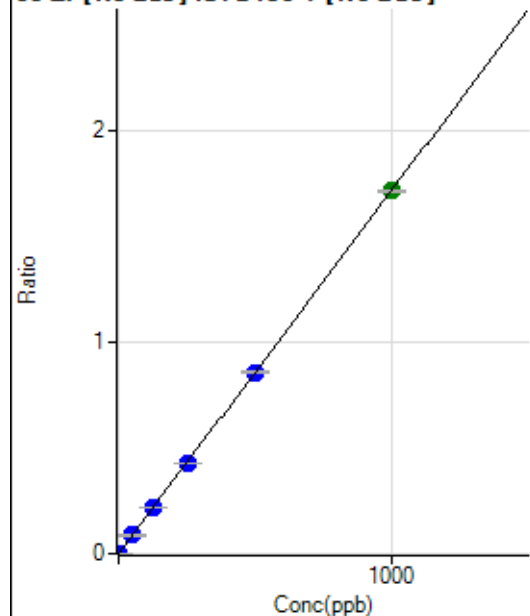
$$DL = 0.03613$$

$$BEC = 0.05356$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 122.23     | 0.0001 | P   | 9.2  |
| 2 | <input checked="" type="checkbox"/> | 0.100    |            | 380.58     | 0.0002 | P   | 5.4  |
| 3 | <input type="checkbox"/>            | 1.000    | 0.911      | 2783.73    | 0.0016 | P   | 3.8  |
| 4 | <input type="checkbox"/>            | 50.000   | 50.513     | 145032.25  | 0.0867 | P   | 0.9  |
| 5 | <input type="checkbox"/>            | 125.000  | 126.789    | 354427.66  | 0.2174 | P   | 0.8  |
| 6 | <input type="checkbox"/>            | 250.000  | 250.910    | 653425.69  | 0.4301 | P   | 0.1  |
| 7 | <input type="checkbox"/>            | 500.000  | 500.135    | 1255938.47 | 0.8573 | P   | 0.5  |
| 8 | <input type="checkbox"/>            | 1000.000 | 999.456    | 2477837.71 | 1.7131 | A   | 0.4  |
| 9 | <input type="checkbox"/>            |          |            | 613.93     | 0.0005 | P   | 14.0 |

$$y = 0.0017 * x + 7.3475E-005$$

$$R = 1.0000$$

$$DL = 0.01177$$

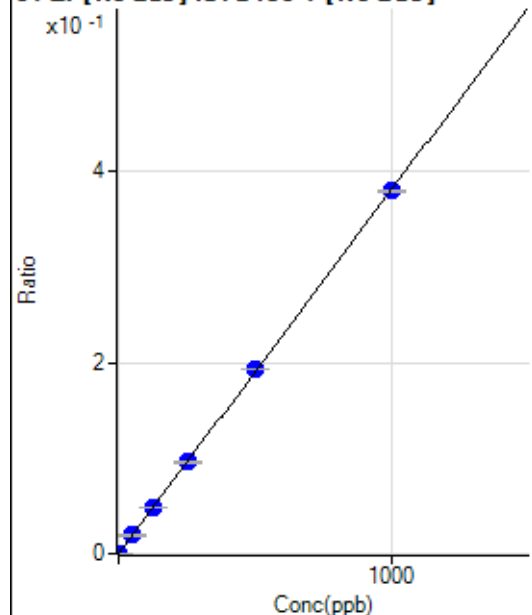
$$BEC = 0.04287$$

Weight: &lt;None&gt;

Min Conc: 0



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



|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 13.89     | 0.0000 | P   | 92.0 |
| 2 | <input checked="" type="checkbox"/> | 0.100    |            | 91.67     | 0.0001 | P   | 31.3 |
| 3 | <input type="checkbox"/>            | 1.000    | 1.009      | 669.48    | 0.0004 | P   | 9.3  |
| 4 | <input type="checkbox"/>            | 50.000   | 50.345     | 32131.43  | 0.0192 | P   | 0.9  |
| 5 | <input type="checkbox"/>            | 125.000  | 125.617    | 78076.75  | 0.0479 | P   | 0.9  |
| 6 | <input type="checkbox"/>            | 250.000  | 251.943    | 145900.70 | 0.0960 | P   | 1.0  |
| 7 | <input type="checkbox"/>            | 500.000  | 505.290    | 282165.00 | 0.1926 | P   | 0.1  |
| 8 | <input type="checkbox"/>            | 1000.000 | 996.775    | 549533.67 | 0.3799 | P   | 0.5  |
| 9 | <input type="checkbox"/>            |          |            | 152.79    | 0.0001 | P   | 11.1 |

$$y = 3.8116\text{E-}004 * x + 8.3123\text{E-}006$$

$$R = 1.0000$$

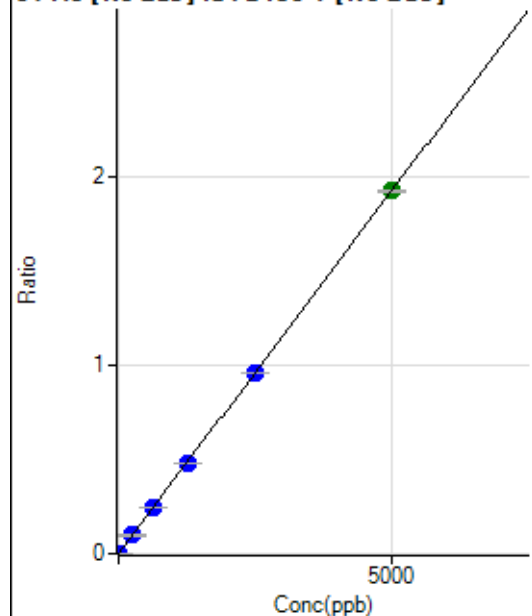
$$DL = 0.06017$$

$$BEC = 0.02181$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 47.22      | 0.0000 | P   | 26.5 |
| 2 | <input type="checkbox"/> | 0.500    | 0.436      | 327.80     | 0.0002 | P   | 7.0  |
| 3 | <input type="checkbox"/> | 5.000    | 4.748      | 3167.15    | 0.0019 | P   | 4.0  |
| 4 | <input type="checkbox"/> | 250.000  | 252.341    | 162968.83  | 0.0974 | P   | 0.8  |
| 5 | <input type="checkbox"/> | 625.000  | 631.064    | 396924.92  | 0.2435 | P   | 0.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1250.504   | 732841.11  | 0.4824 | P   | 0.5  |
| 7 | <input type="checkbox"/> | 2500.000 | 2491.115   | 1407781.15 | 0.9609 | P   | 0.4  |
| 8 | <input type="checkbox"/> | 5000.000 | 5003.442   | 2791586.47 | 1.9300 | A   | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 1013.97    | 0.0008 | P   | 3.1  |

$$y = 3.8574\text{E-}004 * x + 2.8391\text{E-}005$$

$$R = 1.0000$$

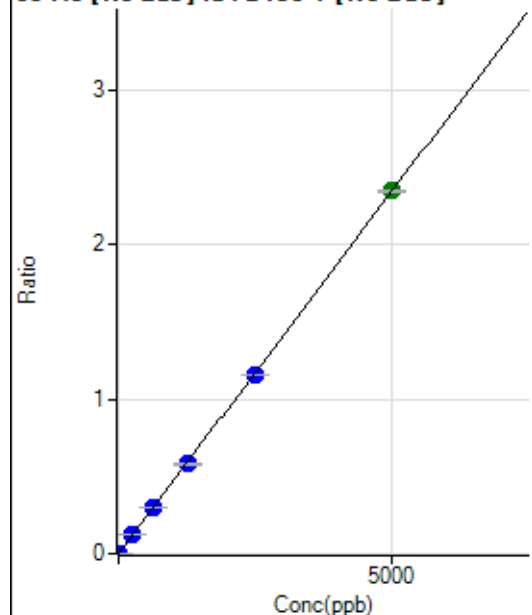
$$DL = 0.05845$$

$$BEC = 0.0736$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 19.45      | 0.0000 | P   | 26.0 |
| 2 | <input type="checkbox"/> | 0.500    | 0.511      | 419.47     | 0.0003 | P   | 1.7  |
| 3 | <input type="checkbox"/> | 5.000    | 4.888      | 3920.16    | 0.0023 | P   | 1.1  |
| 4 | <input type="checkbox"/> | 250.000  | 252.748    | 198287.08  | 0.1185 | P   | 0.2  |
| 5 | <input type="checkbox"/> | 625.000  | 627.429    | 479453.37  | 0.2941 | P   | 0.7  |
| 6 | <input type="checkbox"/> | 1250.000 | 1240.045   | 882927.55  | 0.5812 | P   | 0.9  |
| 7 | <input type="checkbox"/> | 2500.000 | 2475.186   | 1699495.20 | 1.1601 | P   | 0.2  |
| 8 | <input type="checkbox"/> | 5000.000 | 5014.455   | 3399220.39 | 2.3501 | A   | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 1444.58    | 0.0011 | P   | 4.8  |

$$y = 4.6867\text{E-}004 * x + 1.1723\text{E-}005$$

$$R = 1.0000$$

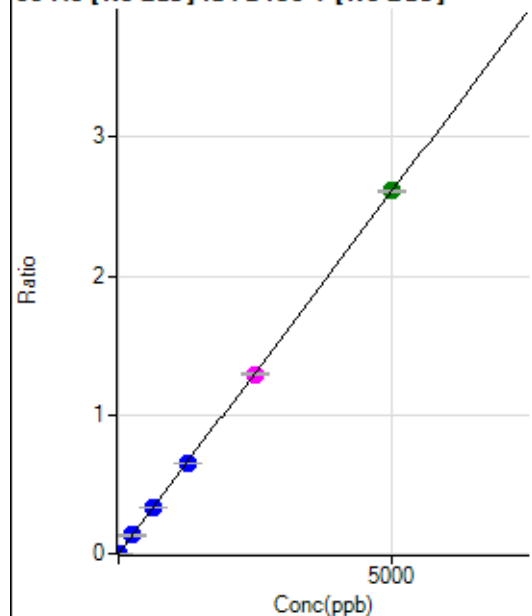
$$DL = 0.01952$$

$$BEC = 0.02501$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 25.00      | 0.0000 | P   | 65.7 |
| 2 | <input type="checkbox"/> | 0.500    | 0.568      | 519.48     | 0.0003 | P   | 5.0  |
| 3 | <input type="checkbox"/> | 5.000    | 5.198      | 4637.05    | 0.0027 | P   | 0.6  |
| 4 | <input type="checkbox"/> | 250.000  | 253.143    | 220779.94  | 0.1319 | P   | 0.8  |
| 5 | <input type="checkbox"/> | 625.000  | 626.878    | 532536.96  | 0.3266 | P   | 0.1  |
| 6 | <input type="checkbox"/> | 1250.000 | 1241.601   | 982804.14  | 0.6469 | P   | 0.9  |
| 7 | <input type="checkbox"/> | 2500.000 | 2478.735   | 1892057.88 | 1.2915 | M   | 0.9  |
| 8 | <input type="checkbox"/> | 5000.000 | 5012.340   | 3777353.51 | 2.6116 | A   | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 1872.42    | 0.0014 | P   | 10.7 |

$$y = 5.2102\text{E-}004 * x + 1.4953\text{E-}005$$

$$R = 1.0000$$

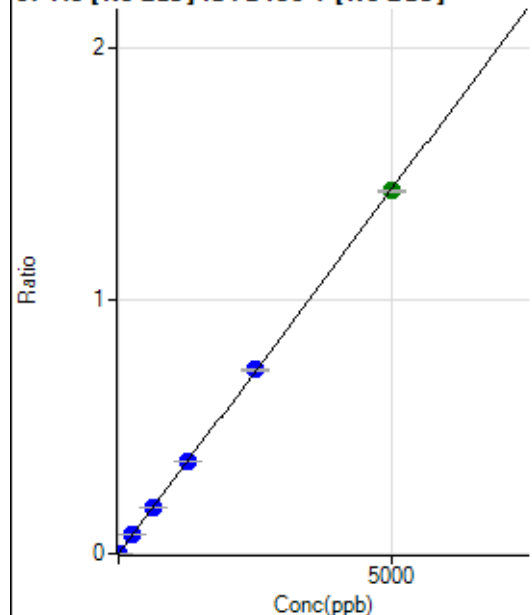
$$DL = 0.05661$$

$$BEC = 0.0287$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2.78       | 0.0000 | P   | 173. |
| 2 | <input type="checkbox"/> | 0.500    | 0.457      | 222.24     | 0.0001 | P   | 21.2 |
| 3 | <input type="checkbox"/> | 5.000    | 5.184      | 2544.78    | 0.0015 | P   | 3.2  |
| 4 | <input type="checkbox"/> | 250.000  | 259.106    | 124928.92  | 0.0746 | P   | 0.6  |
| 5 | <input type="checkbox"/> | 625.000  | 639.134    | 300159.23  | 0.1841 | P   | 0.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1275.382   | 558092.66  | 0.3674 | P   | 0.2  |
| 7 | <input type="checkbox"/> | 2500.000 | 2521.732   | 1064138.35 | 0.7264 | P   | 1.1  |
| 8 | <input type="checkbox"/> | 5000.000 | 4980.566   | 2075052.61 | 1.4346 | A   | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 797.28     | 0.0006 | P   | 9.9  |

$$y = 2.8805E-004 * x + 1.6485E-006$$

$$R = 1.0000$$

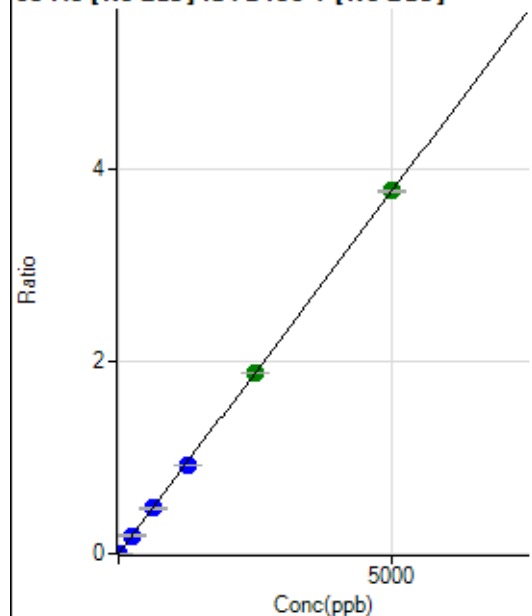
$$DL = 0.02974$$

$$BEC = 0.005723$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 13.89      | 0.0000 | P   | 173. |
| 2 | <input type="checkbox"/> | 0.500    | 0.611      | 780.61     | 0.0005 | P   | 1.7  |
| 3 | <input type="checkbox"/> | 5.000    | 5.069      | 6498.96    | 0.0038 | P   | 4.5  |
| 4 | <input type="checkbox"/> | 250.000  | 251.817    | 316695.02  | 0.1892 | P   | 0.8  |
| 5 | <input type="checkbox"/> | 625.000  | 625.581    | 766313.31  | 0.4700 | P   | 0.7  |
| 6 | <input type="checkbox"/> | 1250.000 | 1232.942   | 1407254.02 | 0.9263 | P   | 0.3  |
| 7 | <input type="checkbox"/> | 2500.000 | 2488.560   | 2739121.42 | 1.8697 | A   | 0.1  |
| 8 | <input type="checkbox"/> | 5000.000 | 5009.821   | 5444148.69 | 3.7639 | A   | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 2002.99    | 0.0015 | P   | 6.1  |

$$y = 7.5131E-004 * x + 8.4686E-006$$

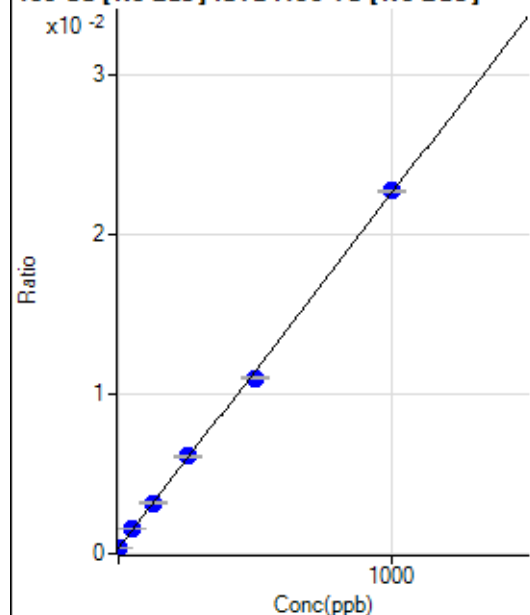
$$R = 1.0000$$

$$DL = 0.05857$$

$$BEC = 0.01127$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD |
|---|-------------------------------------|----------|------------|----------|--------|-----|-----|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 686.16   | 0.0003 | P   | 2.7 |
| 2 | <input checked="" type="checkbox"/> | 0.100    |            | 688.93   | 0.0004 | P   | 2.8 |
| 3 | <input type="checkbox"/>            | 1.000    | 2.319      | 761.16   | 0.0004 | P   | 3.5 |
| 4 | <input type="checkbox"/>            | 50.000   | 54.754     | 2969.88  | 0.0016 | P   | 4.3 |
| 5 | <input type="checkbox"/>            | 125.000  | 127.866    | 6037.64  | 0.0032 | P   | 2.1 |
| 6 | <input type="checkbox"/>            | 250.000  | 259.262    | 11171.51 | 0.0061 | P   | 2.0 |
| 7 | <input type="checkbox"/>            | 500.000  | 480.188    | 20167.77 | 0.0110 | P   | 1.6 |
| 8 | <input type="checkbox"/>            | 1000.000 | 1006.993   | 41751.32 | 0.0228 | P   | 0.7 |
| 9 | <input type="checkbox"/>            |          |            | 602.82   | 0.0004 | P   | 4.3 |

$$y = 2.2266\text{E-}005 * x + 3.4806\text{E-}004$$

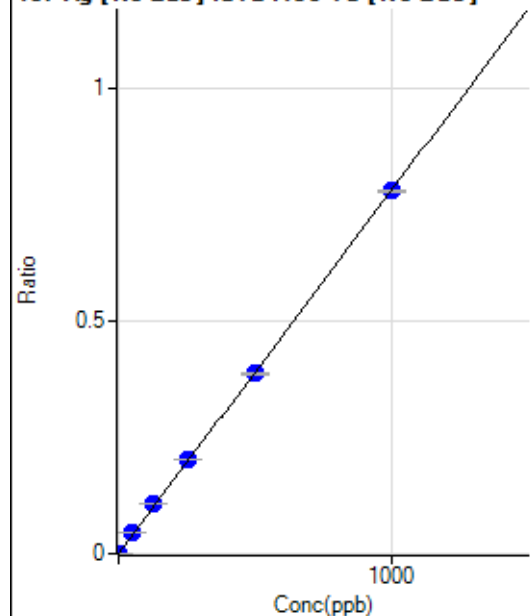
$$R = 0.9997$$

$$DL = 1.279$$

$$BEC = 15.63$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 13.89      | 0.0000 | P   | 35.0 |
| 2 | <input checked="" type="checkbox"/> | 0.100    |            | 186.12     | 0.0001 | P   | 24.8 |
| 3 | <input type="checkbox"/>            | 1.000    | 1.086      | 1625.16    | 0.0009 | P   | 4.6  |
| 4 | <input type="checkbox"/>            | 50.000   | 56.610     | 83657.90   | 0.0441 | P   | 1.2  |
| 5 | <input type="checkbox"/>            | 125.000  | 136.452    | 201039.56  | 0.1064 | P   | 0.2  |
| 6 | <input type="checkbox"/>            | 250.000  | 258.516    | 367879.03  | 0.2016 | P   | 0.8  |
| 7 | <input type="checkbox"/>            | 500.000  | 495.266    | 705389.09  | 0.3861 | P   | 0.4  |
| 8 | <input type="checkbox"/>            | 1000.000 | 998.476    | 1427436.05 | 0.7785 | P   | 0.6  |
| 9 | <input type="checkbox"/>            |          |            | 80.56      | 0.0000 | P   | 46.0 |

$$y = 7.7964\text{E-}004 * x + 7.0540\text{E-}006$$

$$R = 0.9999$$

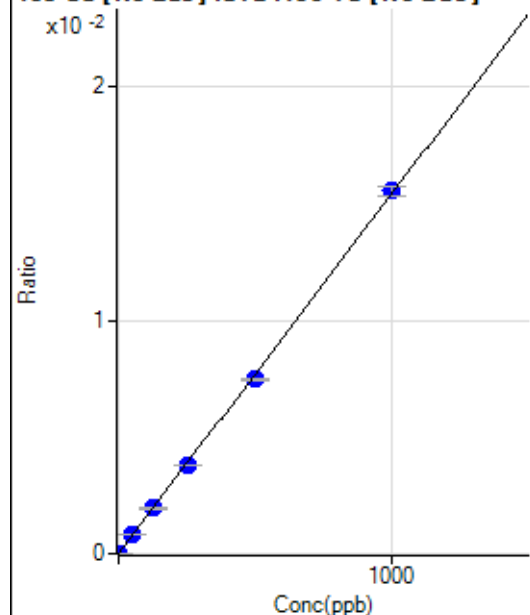
$$DL = 0.009502$$

$$BEC = 0.009048$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 2.78     | 0.0000 | P   | 173. |
| 2 | <input checked="" type="checkbox"/> | 0.100    |            | 6.94     | 0.0000 | P   | 91.3 |
| 3 | <input type="checkbox"/>            | 1.000    | 0.619      | 20.83    | 0.0000 | P   | 19.6 |
| 4 | <input type="checkbox"/>            | 50.000   | 54.063     | 1580.68  | 0.0008 | P   | 2.5  |
| 5 | <input type="checkbox"/>            | 125.000  | 126.482    | 3683.89  | 0.0019 | P   | 2.9  |
| 6 | <input type="checkbox"/>            | 250.000  | 243.554    | 6849.01  | 0.0038 | P   | 0.1  |
| 7 | <input type="checkbox"/>            | 500.000  | 484.734    | 13641.48 | 0.0075 | P   | 1.6  |
| 8 | <input type="checkbox"/>            | 1000.000 | 1008.856   | 28492.83 | 0.0155 | P   | 2.7  |
| 9 | <input type="checkbox"/>            |          |            | 5.55     | 0.0000 | P   | 86.6 |

$$y = 1.5402\text{E-}005 * x + 1.4009\text{E-}006$$

$$R = 0.9998$$

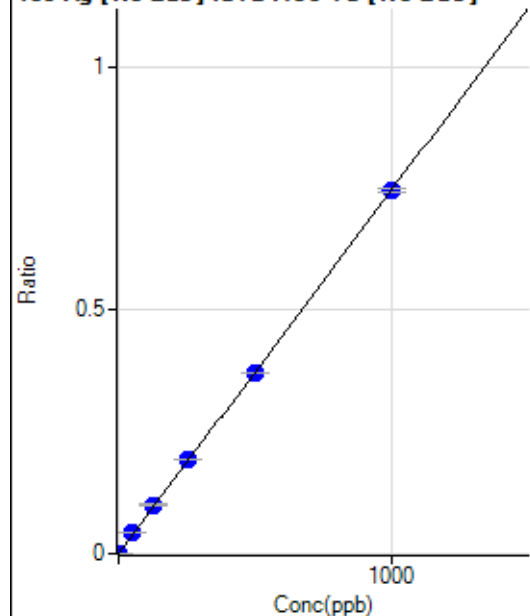
$$DL = 0.4726$$

$$BEC = 0.09095$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 8.33       | 0.0000 | P   | 0.5  |
| 2 | <input checked="" type="checkbox"/> | 0.100    |            | 152.79     | 0.0001 | P   | 35.8 |
| 3 | <input type="checkbox"/>            | 1.000    | 1.178      | 1683.50    | 0.0009 | P   | 4.0  |
| 4 | <input type="checkbox"/>            | 50.000   | 56.311     | 79744.01   | 0.0421 | P   | 1.8  |
| 5 | <input type="checkbox"/>            | 125.000  | 134.814    | 190333.21  | 0.1007 | P   | 1.0  |
| 6 | <input type="checkbox"/>            | 250.000  | 260.110    | 354696.57  | 0.1943 | P   | 0.5  |
| 7 | <input type="checkbox"/>            | 500.000  | 495.834    | 676750.27  | 0.3705 | P   | 0.2  |
| 8 | <input type="checkbox"/>            | 1000.000 | 998.013    | 1367254.90 | 0.7457 | P   | 0.9  |
| 9 | <input type="checkbox"/>            |          |            | 102.78     | 0.0001 | P   | 27.9 |

$$y = 7.4713\text{E-}004 * x + 4.2258\text{E-}006$$

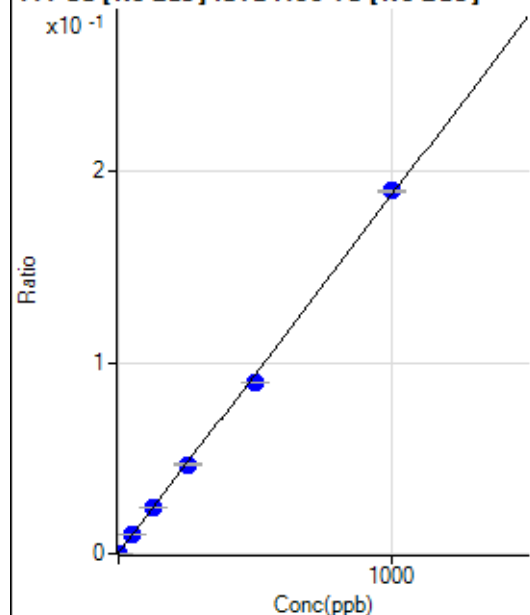
$$R = 0.9999$$

$$DL = 8.855\text{E-}05$$

$$BEC = 0.005656$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rjc<br>t                            | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|-------------------------------------|----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 479.75    | 0.0002 | P   | 1.7 |
| 2 | <input checked="" type="checkbox"/> | 0.100    |            | 516.28    | 0.0003 | P   | 1.4 |
| 3 | <input type="checkbox"/>            | 1.000    | 1.197      | 890.47    | 0.0005 | P   | 5.8 |
| 4 | <input type="checkbox"/>            | 50.000   | 51.244     | 18673.98  | 0.0099 | P   | 2.1 |
| 5 | <input type="checkbox"/>            | 125.000  | 126.404    | 45253.85  | 0.0239 | P   | 1.2 |
| 6 | <input type="checkbox"/>            | 250.000  | 247.978    | 85321.86  | 0.0467 | P   | 1.3 |
| 7 | <input type="checkbox"/>            | 500.000  | 476.495    | 163681.84 | 0.0896 | P   | 0.3 |
| 8 | <input type="checkbox"/>            | 1000.000 | 1012.020   | 348447.07 | 0.1900 | P   | 0.9 |
| 9 | <input type="checkbox"/>            |          |            | 473.64    | 0.0003 | P   | 1.8 |

$$y = 1.8753\text{E-}004 * x + 2.4336\text{E-}004$$

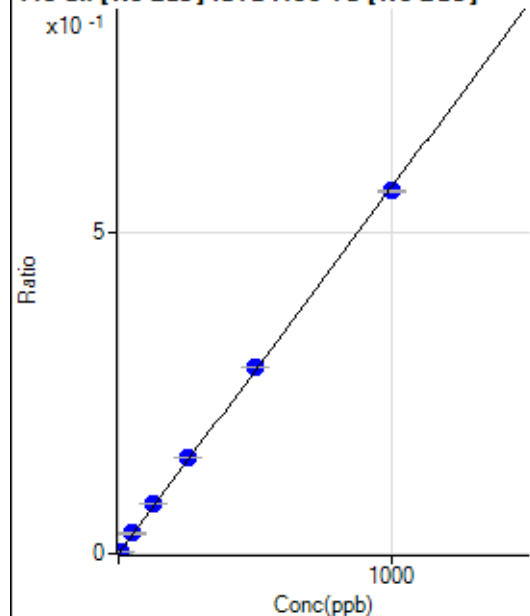
$$R = 0.9996$$

$$DL = 0.06619$$

$$BEC = 1.298$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rjc<br>t                            | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 122.23     | 0.0001 | P   | 13.8 |
| 2 | <input checked="" type="checkbox"/> | 0.500    |            | 669.49     | 0.0004 | P   | 13.1 |
| 3 | <input type="checkbox"/>            | 5.000    | 5.424      | 5995.97    | 0.0031 | P   | 4.7  |
| 4 | <input type="checkbox"/>            | 50.000   | 55.283     | 59752.68   | 0.0315 | P   | 1.4  |
| 5 | <input type="checkbox"/>            | 125.000  | 134.836    | 145138.91  | 0.0768 | P   | 1.1  |
| 6 | <input type="checkbox"/>            | 250.000  | 263.456    | 273815.86  | 0.1500 | P   | 0.7  |
| 7 | <input type="checkbox"/>            | 500.000  | 509.539    | 529940.10  | 0.2901 | P   | 0.1  |
| 8 | <input type="checkbox"/>            | 1000.000 | 990.371    | 1033794.31 | 0.5638 | P   | 0.7  |
| 9 | <input type="checkbox"/>            |          |            | 400.02     | 0.0002 | P   | 17.8 |

$$y = 5.6920\text{E-}004 * x + 6.1981\text{E-}005$$

$$R = 0.9998$$

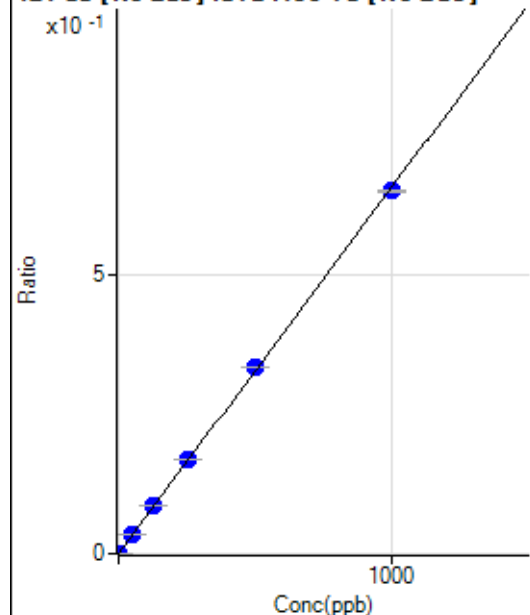
$$DL = 0.04492$$

$$BEC = 0.1089$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 22.22      | 0.0000 | P   | 43.8 |
| 2 | <input checked="" type="checkbox"/> | 0.200    |            | 252.79     | 0.0001 | P   | 14.8 |
| 3 | <input type="checkbox"/>            | 2.000    | 2.060      | 2600.35    | 0.0014 | P   | 2.0  |
| 4 | <input type="checkbox"/>            | 50.000   | 54.083     | 67443.15   | 0.0356 | P   | 1.5  |
| 5 | <input type="checkbox"/>            | 125.000  | 132.999    | 165337.72  | 0.0875 | P   | 1.1  |
| 6 | <input type="checkbox"/>            | 250.000  | 258.700    | 310599.06  | 0.1702 | P   | 0.3  |
| 7 | <input type="checkbox"/>            | 500.000  | 510.997    | 614044.48  | 0.3361 | P   | 0.3  |
| 8 | <input type="checkbox"/>            | 1000.000 | 991.122    | 1195472.61 | 0.6519 | P   | 0.5  |
| 9 | <input type="checkbox"/>            |          |            | 1477.92    | 0.0009 | P   | 9.7  |

$$y = 6.5778\text{E-}004 * x + 1.1288\text{E-}005$$

$$R = 0.9999$$

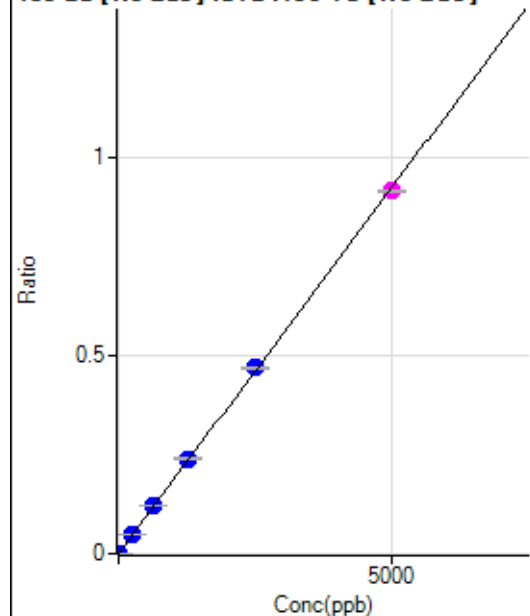
$$DL = 0.02253$$

$$BEC = 0.01716$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 11.11      | 0.0000 | P   | 86.6 |
| 2 | <input checked="" type="checkbox"/> | 1.000    |            | 413.92     | 0.0002 | P   | 27.0 |
| 3 | <input type="checkbox"/>            | 10.000   | 10.482     | 3686.75    | 0.0019 | P   | 1.6  |
| 4 | <input type="checkbox"/>            | 250.000  | 268.698    | 93802.05   | 0.0495 | P   | 1.2  |
| 5 | <input type="checkbox"/>            | 625.000  | 664.015    | 231107.79  | 0.1223 | P   | 0.6  |
| 6 | <input type="checkbox"/>            | 1250.000 | 1301.539   | 437524.22  | 0.2397 | P   | 0.3  |
| 7 | <input type="checkbox"/>            | 2500.000 | 2539.467   | 854423.71  | 0.4677 | P   | 0.6  |
| 8 | <input type="checkbox"/>            | 5000.000 | 4961.569   | 1675636.73 | 0.9138 | M   | 0.6  |
| 9 | <input type="checkbox"/>            |          |            | 211.12     | 0.0001 | P   | 31.5 |

$$y = 1.8418\text{E-}004 * x + 5.6238\text{E-}006$$

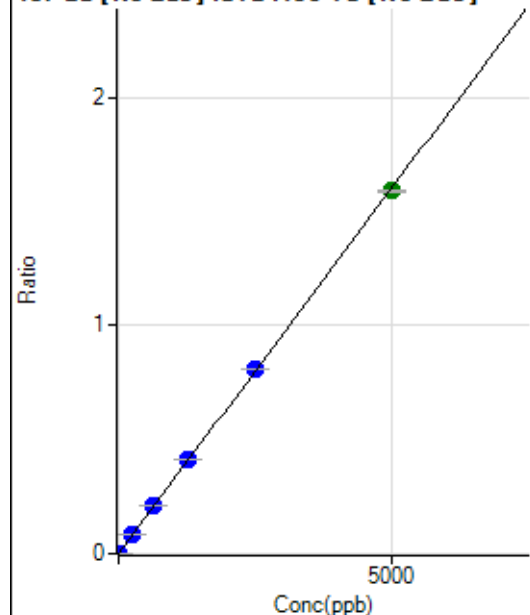
$$R = 0.9999$$

$$DL = 0.07933$$

$$BEC = 0.03053$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 25.00      | 0.0000 | P   | 0.5  |
| 2 | <input checked="" type="checkbox"/> | 1.000    |            | 672.26     | 0.0004 | P   | 10.1 |
| 3 | <input type="checkbox"/>            | 10.000   | 10.328     | 6318.34    | 0.0033 | P   | 3.9  |
| 4 | <input type="checkbox"/>            | 250.000  | 268.385    | 162863.77  | 0.0859 | P   | 1.4  |
| 5 | <input type="checkbox"/>            | 625.000  | 662.613    | 400864.77  | 0.2121 | P   | 0.3  |
| 6 | <input type="checkbox"/>            | 1250.000 | 1295.317   | 756866.75  | 0.4147 | P   | 0.4  |
| 7 | <input type="checkbox"/>            | 2500.000 | 2531.689   | 1480618.15 | 0.8105 | P   | 0.1  |
| 8 | <input type="checkbox"/>            | 5000.000 | 4967.205   | 2915930.73 | 1.5902 | A   | 0.6  |
| 9 | <input type="checkbox"/>            |          |            | 336.13     | 0.0002 | P   | 12.0 |

$$y = 3.2014\text{E-}004 * x + 1.2682\text{E-}005$$

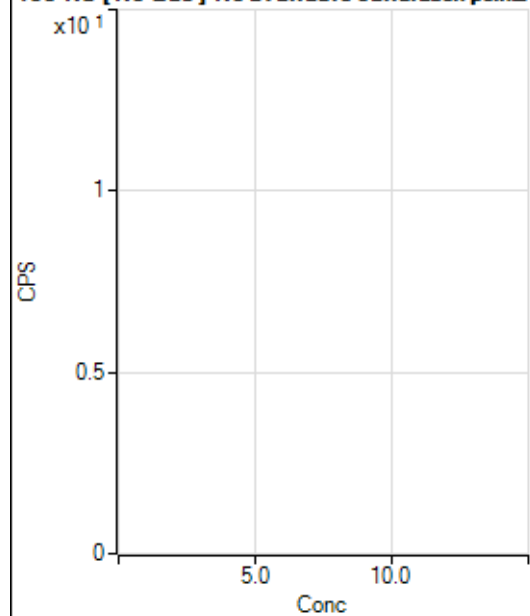
$$R = 0.9999$$

$$DL = 0.0006203$$

$$BEC = 0.03962$$

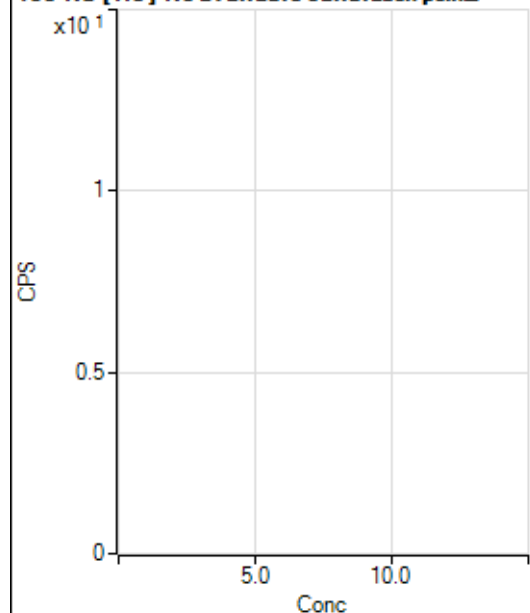
Weight: &lt;None&gt;

Min Conc: 0

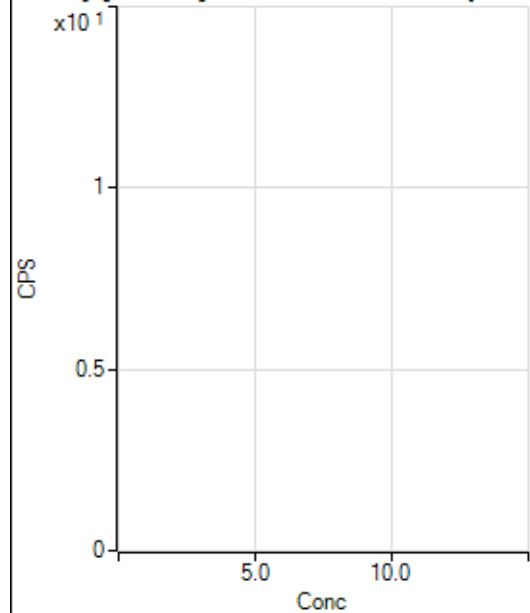
**150 Nd [No Gas] No available calibration points**

|   | R <sub>jc</sub><br>t     | Conc. | Calc Conc. | CPS    | Ratio | Det | RSD  |
|---|--------------------------|-------|------------|--------|-------|-----|------|
| 1 | <input type="checkbox"/> |       |            | 0.00   |       | P   |      |
| 2 | <input type="checkbox"/> |       |            | 0.00   |       | P   |      |
| 3 | <input type="checkbox"/> |       |            | 0.00   |       | P   |      |
| 4 | <input type="checkbox"/> |       |            | 20.00  |       | P   | 33.4 |
| 5 | <input type="checkbox"/> |       |            | 26.67  |       | P   | 25.0 |
| 6 | <input type="checkbox"/> |       |            | 51.11  |       | P   | 19.9 |
| 7 | <input type="checkbox"/> |       |            | 82.23  |       | P   | 23.4 |
| 8 | <input type="checkbox"/> |       |            | 177.79 |       | P   | 15.2 |
| 9 | <input type="checkbox"/> |       |            | 26.67  |       | P   | 25.0 |

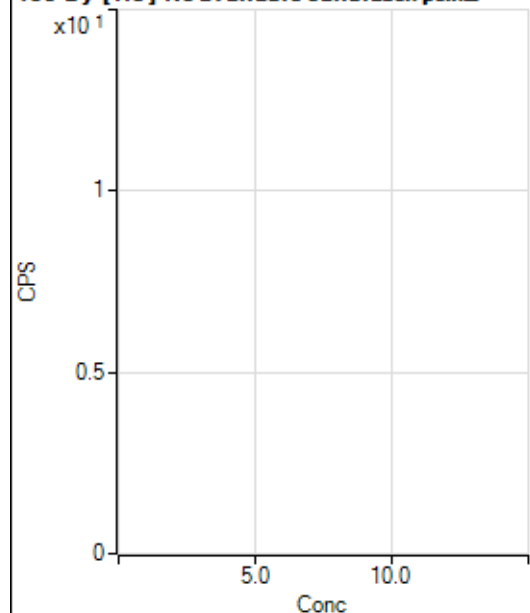


**150 Nd [He] No available calibration points**

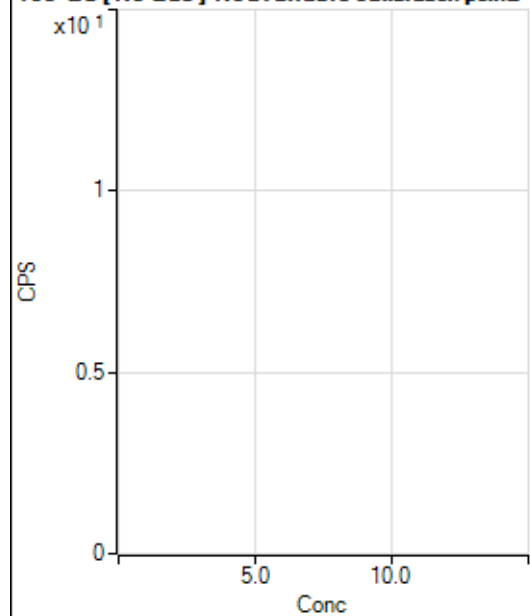
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 2 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 3 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 4 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6 |
| 5 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 173. |
| 6 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 34.7 |
| 7 | <input type="checkbox"/> |       |            | 15.56 |       | P        | 32.7 |
| 8 | <input type="checkbox"/> |       |            | 18.89 |       | P        | 36.7 |
| 9 | <input type="checkbox"/> |       |            | 12.22 |       | P        | 56.8 |

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

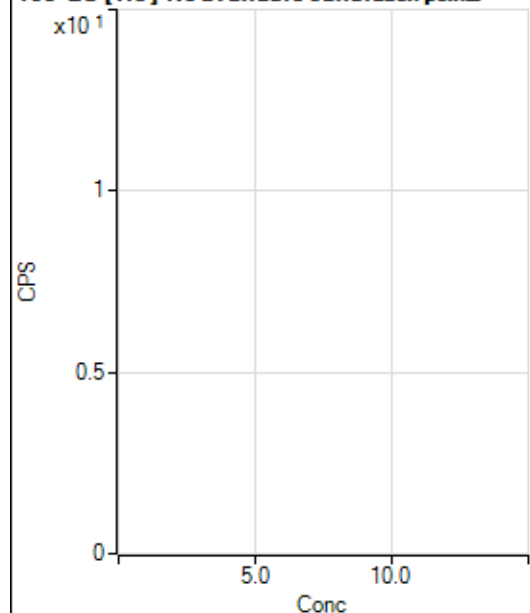
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 2.78  |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 3 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 4 | <input type="checkbox"/> |       |            | 2.78  |       | P        | 173. |
| 5 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 173. |
| 6 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 114. |
| 7 | <input type="checkbox"/> |       |            | 19.44 |       | P        | 137. |
| 8 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 69.3 |
| 9 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 43.3 |

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

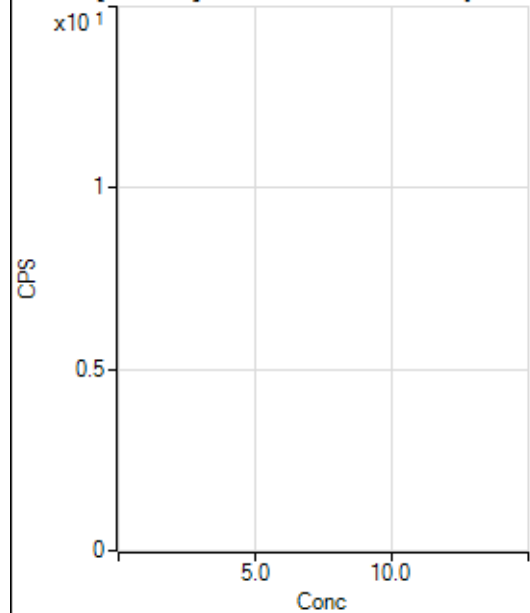
|   | Rjct                     | Conc. | Calc Conc. | CPS   | Ratio | Det. | RSD  |
|---|--------------------------|-------|------------|-------|-------|------|------|
| 1 | <input type="checkbox"/> |       |            | 0.00  |       | P    |      |
| 2 | <input type="checkbox"/> |       |            | 0.00  |       | P    |      |
| 3 | <input type="checkbox"/> |       |            | 0.00  |       | P    |      |
| 4 | <input type="checkbox"/> |       |            | 3.33  |       | P    | 100. |
| 5 | <input type="checkbox"/> |       |            | 2.22  |       | P    | 86.6 |
| 6 | <input type="checkbox"/> |       |            | 14.44 |       | P    | 35.3 |
| 7 | <input type="checkbox"/> |       |            | 14.44 |       | P    | 13.4 |
| 8 | <input type="checkbox"/> |       |            | 26.66 |       | P    | 21.7 |
| 9 | <input type="checkbox"/> |       |            | 12.22 |       | P    | 56.8 |

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

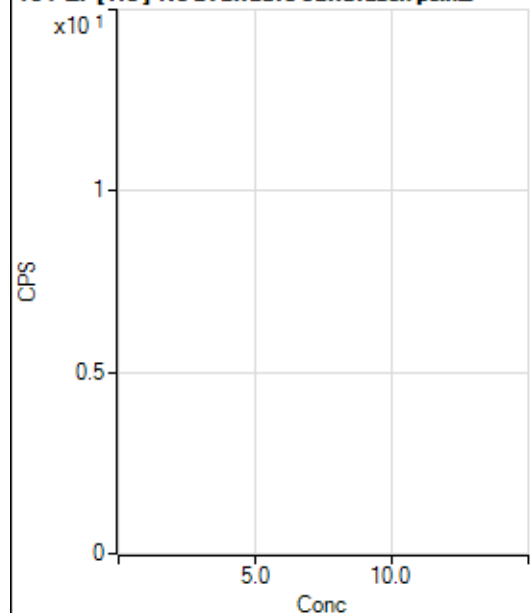
|   | Rjct                     | Conc. | Calc Conc. | CPS   | Ratio | Det. | RSD  |
|---|--------------------------|-------|------------|-------|-------|------|------|
| 1 | <input type="checkbox"/> |       |            | 5.56  |       | P    | 173. |
| 2 | <input type="checkbox"/> |       |            | 13.89 |       | P    | 34.7 |
| 3 | <input type="checkbox"/> |       |            | 13.89 |       | P    | 69.3 |
| 4 | <input type="checkbox"/> |       |            | 8.33  |       | P    | 0.0  |
| 5 | <input type="checkbox"/> |       |            | 8.33  |       | P    | 100. |
| 6 | <input type="checkbox"/> |       |            | 5.55  |       | P    | 86.6 |
| 7 | <input type="checkbox"/> |       |            | 11.11 |       | P    | 86.6 |
| 8 | <input type="checkbox"/> |       |            | 8.33  |       | P    | 100. |
| 9 | <input type="checkbox"/> |       |            | 5.55  |       | P    | 86.6 |

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

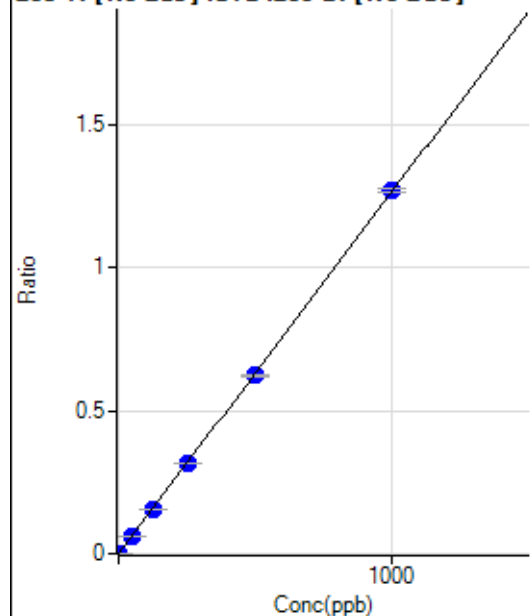
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 24.45 |       | P        | 28.4 |
| 2 | <input type="checkbox"/> |       |            | 28.89 |       | P        | 29.0 |
| 3 | <input type="checkbox"/> |       |            | 24.45 |       | P        | 43.8 |
| 4 | <input type="checkbox"/> |       |            | 32.22 |       | P        | 15.8 |
| 5 | <input type="checkbox"/> |       |            | 30.00 |       | P        | 61.9 |
| 6 | <input type="checkbox"/> |       |            | 40.00 |       | P        | 8.3  |
| 7 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 13.9 |
| 8 | <input type="checkbox"/> |       |            | 37.78 |       | P        | 53.9 |
| 9 | <input type="checkbox"/> |       |            | 40.00 |       | P        | 16.7 |

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

|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 8.33  |       | P        | 0.0  |
| 2 | <input type="checkbox"/> |       |            | 5.55  |       | P        | 86.6 |
| 3 | <input type="checkbox"/> |       |            | 8.33  |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 173. |
| 5 | <input type="checkbox"/> |       |            | 2.78  |       | P        | 173. |
| 6 | <input type="checkbox"/> |       |            | 5.55  |       | P        | 86.6 |
| 7 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 86.6 |
| 8 | <input type="checkbox"/> |       |            | 5.55  |       | P        | 86.6 |
| 9 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 50.0 |

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

|   | Rjct                     | Conc. | Calc Conc. | CPS  | Ratio | Det. | RSD  |
|---|--------------------------|-------|------------|------|-------|------|------|
| 1 | <input type="checkbox"/> |       |            | 2.22 |       | P    | 86.6 |
| 2 | <input type="checkbox"/> |       |            | 1.11 |       | P    | 173. |
| 3 | <input type="checkbox"/> |       |            | 5.56 |       | P    | 34.7 |
| 4 | <input type="checkbox"/> |       |            | 5.56 |       | P    | 34.7 |
| 5 | <input type="checkbox"/> |       |            | 4.44 |       | P    | 114. |
| 6 | <input type="checkbox"/> |       |            | 3.33 |       | P    | 100. |
| 7 | <input type="checkbox"/> |       |            | 7.78 |       | P    | 49.5 |
| 8 | <input type="checkbox"/> |       |            | 5.56 |       | P    | 34.7 |
| 9 | <input type="checkbox"/> |       |            | 3.33 |       | P    | 100. |

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

|   | Rjct                                | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|-------------------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 33.33      | 0.0000 | P    | 1.1  |
| 2 | <input checked="" type="checkbox"/> | 0.100    |            | 141.67     | 0.0001 | P    | 0.8  |
| 3 | <input type="checkbox"/>            | 1.000    | 0.914      | 1400.14    | 0.0012 | P    | 8.3  |
| 4 | <input type="checkbox"/>            | 50.000   | 49.676     | 73692.83   | 0.0628 | P    | 1.7  |
| 5 | <input type="checkbox"/>            | 125.000  | 124.089    | 184653.48  | 0.1568 | P    | 0.5  |
| 6 | <input type="checkbox"/>            | 250.000  | 248.811    | 361866.17  | 0.3144 | P    | 0.9  |
| 7 | <input type="checkbox"/>            | 500.000  | 492.549    | 707127.80  | 0.6224 | P    | 0.4  |
| 8 | <input type="checkbox"/>            | 1000.000 | 1004.153   | 1412361.17 | 1.2688 | P    | 0.9  |
| 9 | <input type="checkbox"/>            |          |            | 263.90     | 0.0003 | P    | 16.0 |

$$y = 0.0013 * x + 2.8426E-005$$

$$R = 1.0000$$

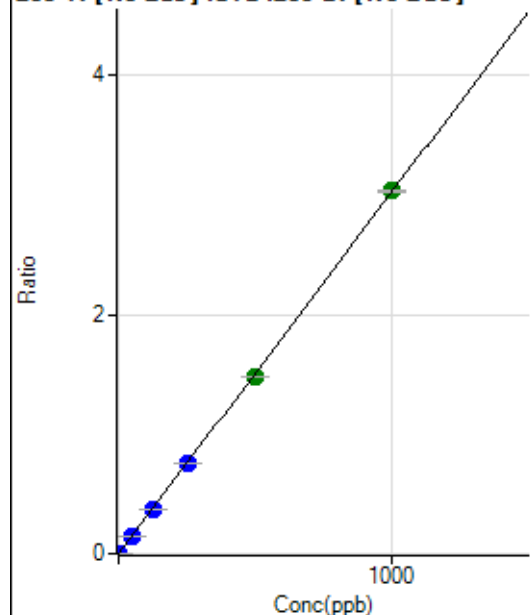
$$DL = 0.0007219$$

$$BEC = 0.0225$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 38.89      | 0.0000 | P   | 13.4 |
| 2 | <input checked="" type="checkbox"/> | 0.100    |            | 363.91     | 0.0003 | P   | 17.2 |
| 3 | <input type="checkbox"/>            | 1.000    | 0.895      | 3236.65    | 0.0027 | P   | 8.9  |
| 4 | <input type="checkbox"/>            | 50.000   | 49.886     | 176699.10  | 0.1506 | P   | 0.8  |
| 5 | <input type="checkbox"/>            | 125.000  | 123.834    | 440063.20  | 0.3737 | P   | 0.7  |
| 6 | <input type="checkbox"/>            | 250.000  | 249.843    | 867799.49  | 0.7540 | P   | 0.4  |
| 7 | <input type="checkbox"/>            | 500.000  | 490.611    | 1682162.73 | 1.4806 | A   | 0.1  |
| 8 | <input type="checkbox"/>            | 1000.000 | 1004.885   | 3375584.97 | 3.0325 | A   | 0.5  |
| 9 | <input type="checkbox"/>            |          |            | 738.94     | 0.0008 | P   | 6.2  |

$$y = 0.0030 * x + 3.3197E-005$$

$$R = 0.9999$$

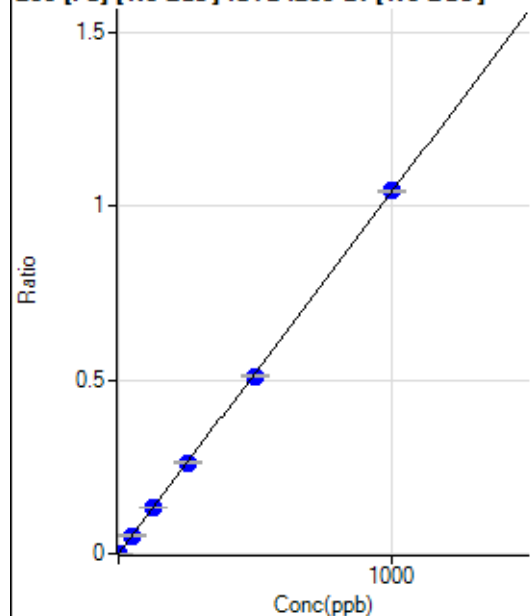
$$DL = 0.004409$$

$$BEC = 0.011$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 122.23     | 0.0001 | P   | 14.6 |
| 2 | <input checked="" type="checkbox"/> | 0.100    |            | 201.86     | 0.0002 | P   | 15.5 |
| 3 | <input type="checkbox"/>            | 1.000    | 0.939      | 1281.58    | 0.0011 | P   | 9.0  |
| 4 | <input type="checkbox"/>            | 50.000   | 50.270     | 61540.50   | 0.0524 | P   | 1.1  |
| 5 | <input type="checkbox"/>            | 125.000  | 125.917    | 154491.09  | 0.1312 | P   | 0.2  |
| 6 | <input type="checkbox"/>            | 250.000  | 251.463    | 301444.07  | 0.2619 | P   | 1.1  |
| 7 | <input type="checkbox"/>            | 500.000  | 491.944    | 582048.02  | 0.5123 | P   | 0.5  |
| 8 | <input type="checkbox"/>            | 1000.000 | 1003.534   | 1163151.73 | 1.0449 | P   | 0.6  |
| 9 | <input type="checkbox"/>            |          |            | 913.02     | 0.0010 | P   | 6.3  |

$$y = 0.0010 * x + 1.0413E-004$$

$$R = 1.0000$$

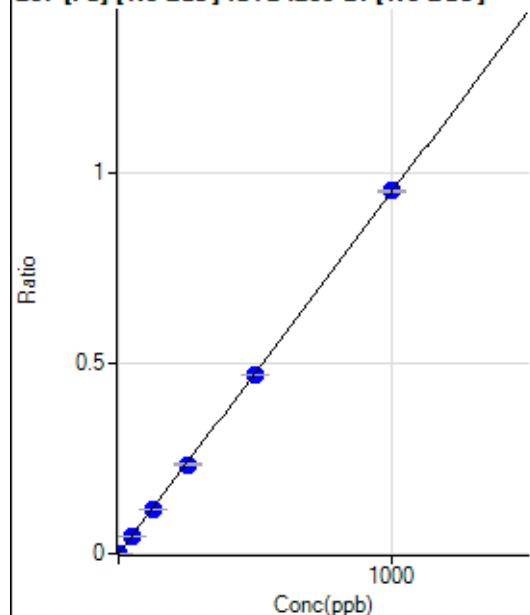
$$DL = 0.0438$$

$$BEC = 0.1$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 75.93      | 0.0001 | P   | 22.8 |
| 2 | <input checked="" type="checkbox"/> | 0.100    |            | 185.19     | 0.0002 | P   | 16.6 |
| 3 | <input type="checkbox"/>            | 1.000    | 0.867      | 1051.93    | 0.0009 | P   | 5.1  |
| 4 | <input type="checkbox"/>            | 50.000   | 48.935     | 54644.09   | 0.0466 | P   | 2.3  |
| 5 | <input type="checkbox"/>            | 125.000  | 123.348    | 138081.55  | 0.1173 | P   | 0.8  |
| 6 | <input type="checkbox"/>            | 250.000  | 246.842    | 270010.22  | 0.2346 | P   | 0.9  |
| 7 | <input type="checkbox"/>            | 500.000  | 494.445    | 533846.36  | 0.4699 | P   | 0.4  |
| 8 | <input type="checkbox"/>            | 1000.000 | 1003.827   | 1061775.30 | 0.9538 | P   | 0.3  |
| 9 | <input type="checkbox"/>            |          |            | 713.00     | 0.0008 | P   | 16.8 |

$$y = 9.5015E-004 * x + 6.4784E-005$$

$$R = 1.0000$$

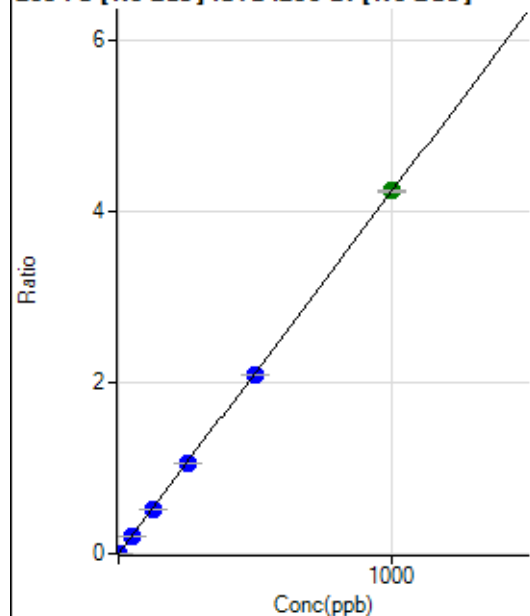
$$DL = 0.0466$$

$$BEC = 0.06818$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 368.54     | 0.0003 | P   | 19.6 |
| 2 | <input checked="" type="checkbox"/> | 0.100    |            | 863.01     | 0.0007 | P   | 10.3 |
| 3 | <input type="checkbox"/>            | 1.000    | 0.929      | 5024.60    | 0.0042 | P   | 4.0  |
| 4 | <input type="checkbox"/>            | 50.000   | 49.871     | 247790.37  | 0.2111 | P   | 0.5  |
| 5 | <input type="checkbox"/>            | 125.000  | 124.161    | 618455.65  | 0.5252 | P   | 0.3  |
| 6 | <input type="checkbox"/>            | 250.000  | 248.956    | 1211718.65 | 1.0528 | P   | 0.7  |
| 7 | <input type="checkbox"/>            | 500.000  | 495.410    | 2379988.38 | 2.0947 | P   | 0.2  |
| 8 | <input type="checkbox"/>            | 1000.000 | 1002.667   | 4718877.37 | 4.2392 | A   | 0.4  |
| 9 | <input type="checkbox"/>            |          |            | 3428.05    | 0.0037 | P   | 4.7  |

$$y = 0.0042 * x + 3.1408E-004$$

$$R = 1.0000$$

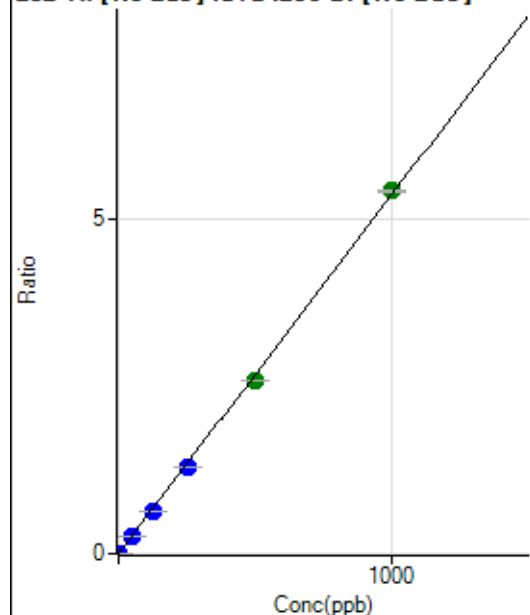
$$DL = 0.04373$$

$$BEC = 0.07429$$

Weight: &lt;None&gt;

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 29.63      | 0.0000 | P   | 42.1 |
| 2 | <input checked="" type="checkbox"/> | 0.100    |            | 561.14     | 0.0005 | P   | 9.5  |
| 3 | <input type="checkbox"/>            | 1.000    | 0.832      | 5325.30    | 0.0045 | P   | 2.3  |
| 4 | <input type="checkbox"/>            | 50.000   | 46.984     | 296167.65  | 0.2524 | P   | 0.6  |
| 5 | <input type="checkbox"/>            | 125.000  | 119.090    | 753199.73  | 0.6397 | P   | 0.3  |
| 6 | <input type="checkbox"/>            | 250.000  | 240.285    | 1485403.29 | 1.2906 | P   | 0.9  |
| 7 | <input type="checkbox"/>            | 500.000  | 483.271    | 2949129.52 | 2.5957 | A   | 0.3  |
| 8 | <input type="checkbox"/>            | 1000.000 | 1011.683   | 6048544.06 | 5.4338 | A   | 0.7  |
| 9 | <input type="checkbox"/>            |          |            | 800.05     | 0.0009 | P   | 16.1 |

$$y = 0.0054 * x + 2.5192E-005$$

$$R = 0.9997$$

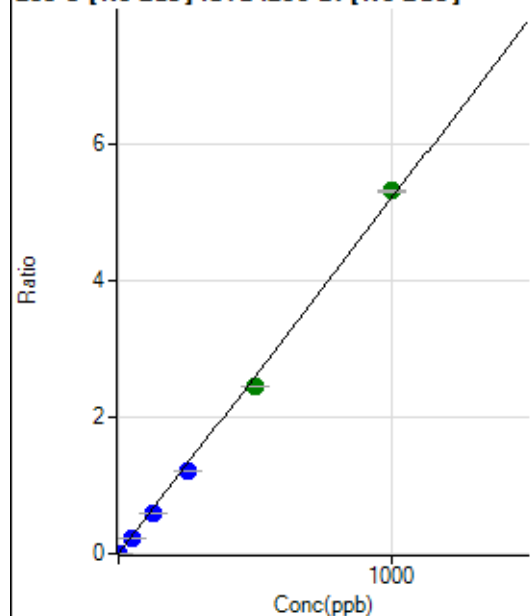
$$DL = 0.005926$$

$$BEC = 0.00469$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>jc</sub><br>t                | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|-------------------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/>            | 0.000    | 0.000      | 11.11      | 0.0000 | P   | 86.6 |
| 2 | <input checked="" type="checkbox"/> | 0.100    |            | 616.71     | 0.0005 | P   | 8.4  |
| 3 | <input type="checkbox"/>            | 1.000    | 0.857      | 5287.43    | 0.0045 | P   | 9.6  |
| 4 | <input type="checkbox"/>            | 50.000   | 45.530     | 277603.19  | 0.2366 | P   | 0.7  |
| 5 | <input type="checkbox"/>            | 125.000  | 114.629    | 701265.82  | 0.5956 | P   | 0.3  |
| 6 | <input type="checkbox"/>            | 250.000  | 233.599    | 1396861.85 | 1.2137 | P   | 0.8  |
| 7 | <input type="checkbox"/>            | 500.000  | 469.407    | 2770894.49 | 2.4388 | A   | 0.2  |
| 8 | <input type="checkbox"/>            | 1000.000 | 1020.917   | 5904292.93 | 5.3042 | A   | 0.5  |
| 9 | <input type="checkbox"/>            |          |            | 416.69     | 0.0004 | P   | 20.6 |

$$y = 0.0052 * x + 9.4527E-006$$

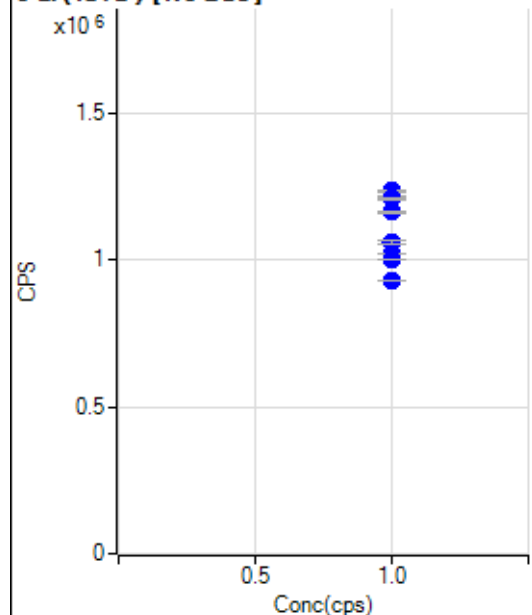
$$R = 0.9992$$

$$DL = 0.004728$$

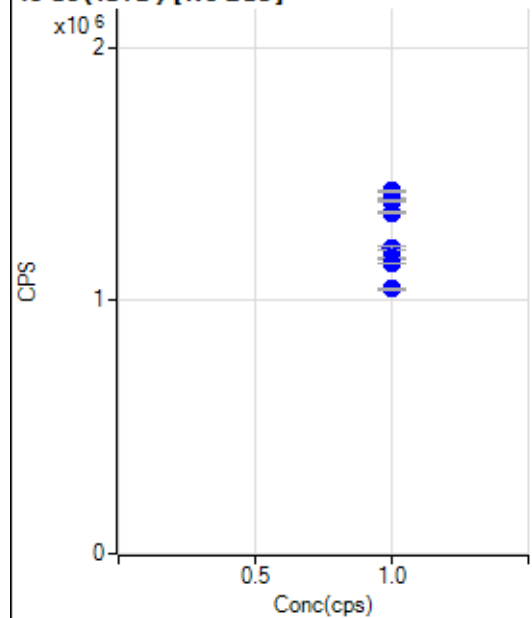
$$BEC = 0.001819$$

Weight: &lt;None&gt;

Min Conc: 0

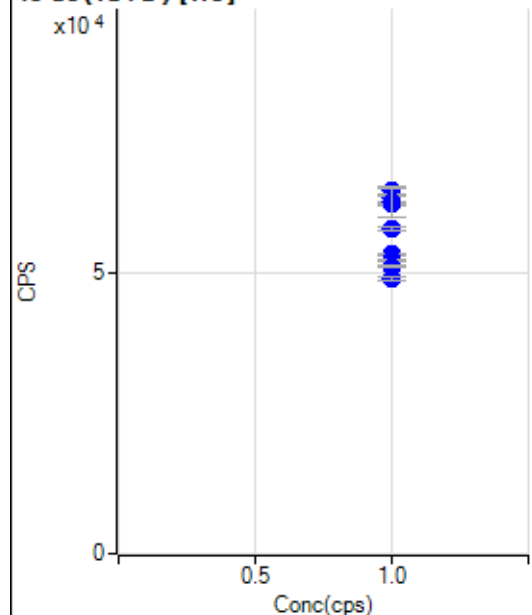
**6 Li (ISTD) [No Gas]**

|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS        | Ratio | Det | RSD |
|---|--------------------------|-------|------------|------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1212678.29 |       | P   | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1217629.16 |       | P   | 0.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1236606.91 |       | P   | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1209406.41 |       | P   | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1164637.92 |       | P   | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1062948.44 |       | P   | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1021096.04 |       | P   | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1003848.06 |       | P   | 0.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 930653.61  |       | P   | 0.2 |

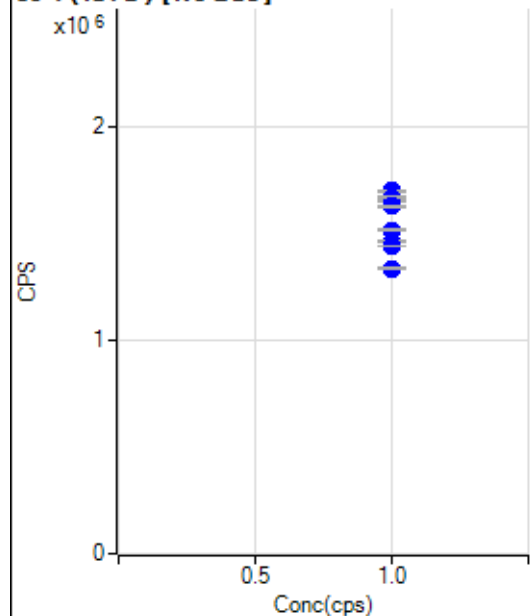
**45 Sc (ISTD) [No Gas]**

|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS        | Ratio | Det | RSD |
|---|--------------------------|-------|------------|------------|-------|-----|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1399467.88 |       | P   | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1402758.68 |       | P   | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1433703.03 |       | P   | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1393694.00 |       | P   | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1347249.28 |       | P   | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1207150.67 |       | P   | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1168749.29 |       | P   | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1145528.29 |       | P   | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1047138.90 |       | P   | 0.7 |

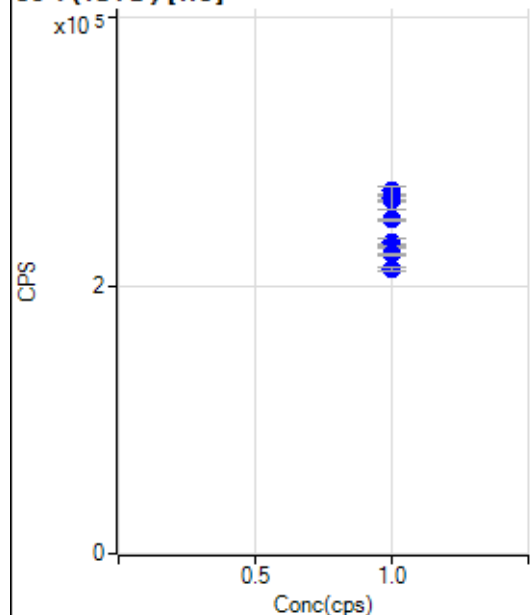


**45 Sc (ISTD) [He]**

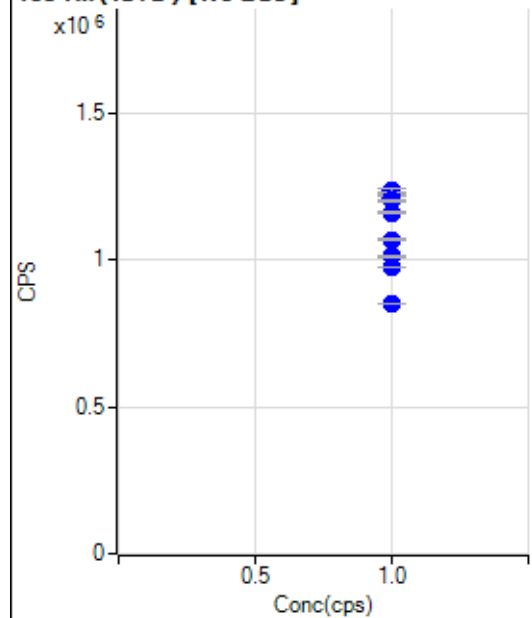
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 62345.99 |       | P        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 63432.80 |       | P        | 1.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 64780.12 |       | P        | 2.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 62707.04 |       | P        | 8.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 58166.00 |       | P        | 1.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 53394.73 |       | P        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 52492.69 |       | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 51276.14 |       | P        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 49084.51 |       | P        | 1.4 |

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

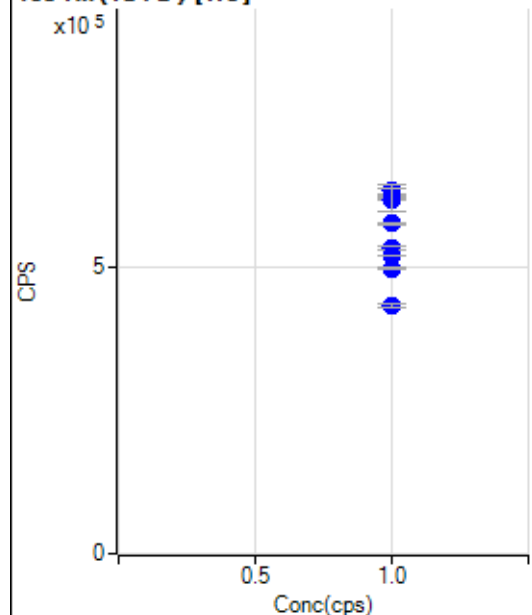
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1662248.57 |       | P        | 1.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1669467.60 |       | P        | 0.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1702650.69 |       | P        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1673782.35 |       | P        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1630386.12 |       | P        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1519149.55 |       | P        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1465009.82 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1446401.87 |       | P        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1337770.20 |       | P        | 0.4 |

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

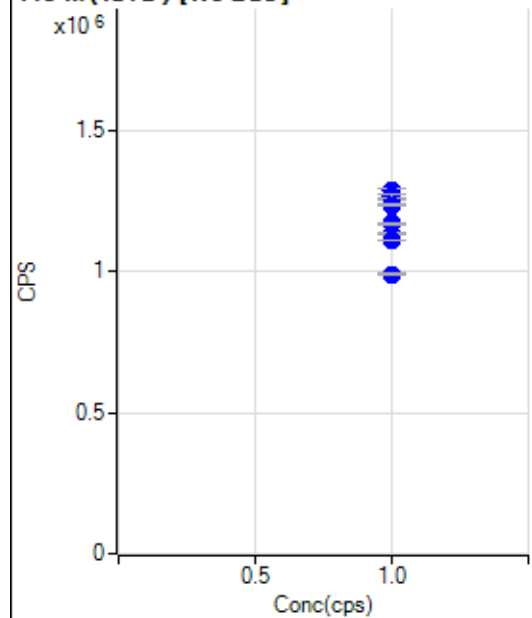
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 263563.60 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 267175.25 |       | P        | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 270597.31 |       | P        | 2.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 265571.51 |       | P        | 6.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 248850.24 |       | P        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 232975.60 |       | P        | 1.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 228870.21 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 223313.61 |       | P        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 212184.57 |       | P        | 1.7 |

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

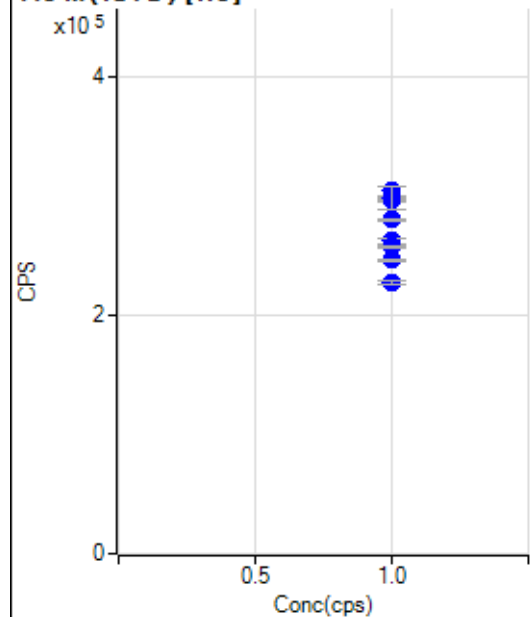
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1206409.26 |       | P        | 1.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1216922.78 |       | P        | 0.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1233146.14 |       | P        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1200019.21 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1158288.50 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1068193.20 |       | P        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1010838.68 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 973527.51  |       | P        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 847543.44  |       | P        | 0.1 |

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

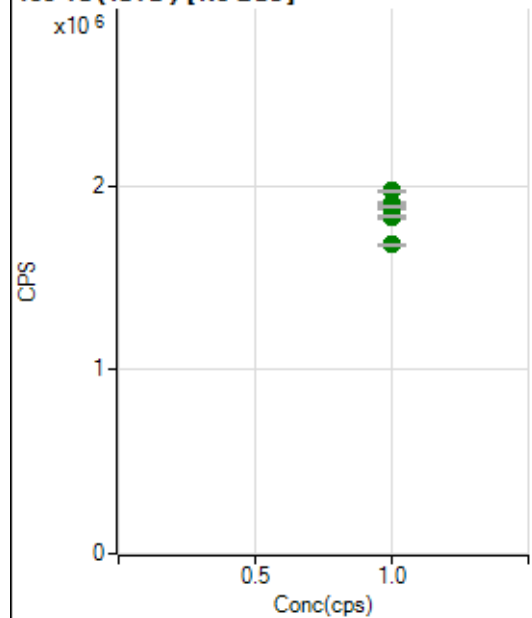
|   | Rjct                     | Conc. | Calc Conc. | CPS       | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|-----------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 621316.71 |       | P    | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 627942.10 |       | P    | 0.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 635204.69 |       | P    | 3.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 619930.62 |       | P    | 6.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 578481.38 |       | P    | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 535914.44 |       | P    | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 521861.66 |       | P    | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 498880.13 |       | P    | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 434074.87 |       | P    | 1.5 |

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

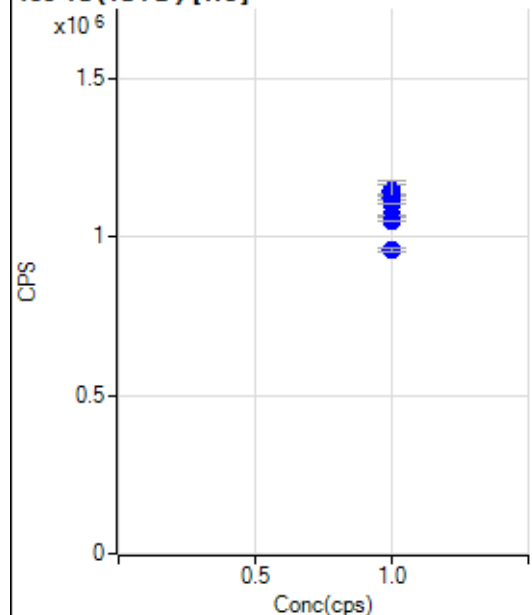
|   | Rjct                     | Conc. | Calc Conc. | CPS        | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1265147.47 |       | P    | 1.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1268962.52 |       | P    | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1285372.97 |       | P    | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1267898.51 |       | P    | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1236532.67 |       | P    | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1169490.00 |       | P    | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1132750.62 |       | P    | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1110706.95 |       | P    | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 988738.71  |       | P    | 0.7 |

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

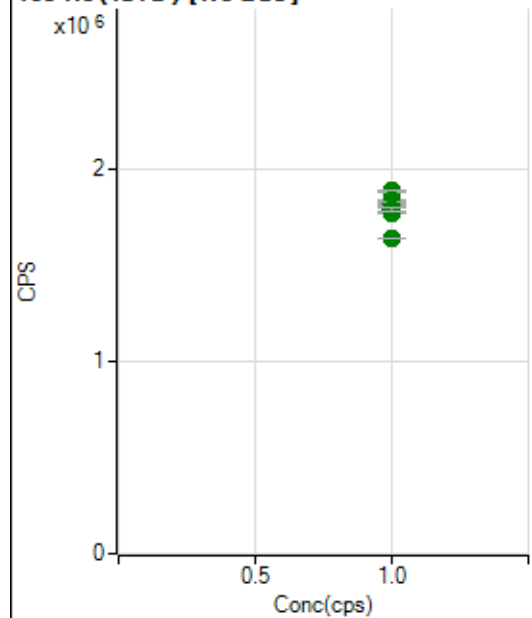
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 296472.75 |       | P        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 298489.71 |       | P        | 1.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 303791.29 |       | P        | 3.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 297284.00 |       | P        | 6.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 279919.51 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 261828.38 |       | P        | 1.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 256947.38 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 246073.22 |       | P        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 226875.14 |       | P        | 1.8 |

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

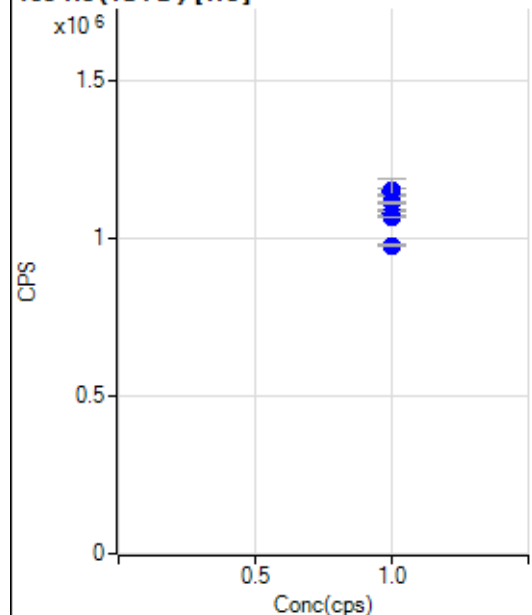
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1971280.68 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1878254.95 |       | A        | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1903933.18 |       | A        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1895221.64 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1889617.14 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1825128.72 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1826790.33 |       | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1833692.71 |       | A        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1679989.02 |       | A        | 0.9 |

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

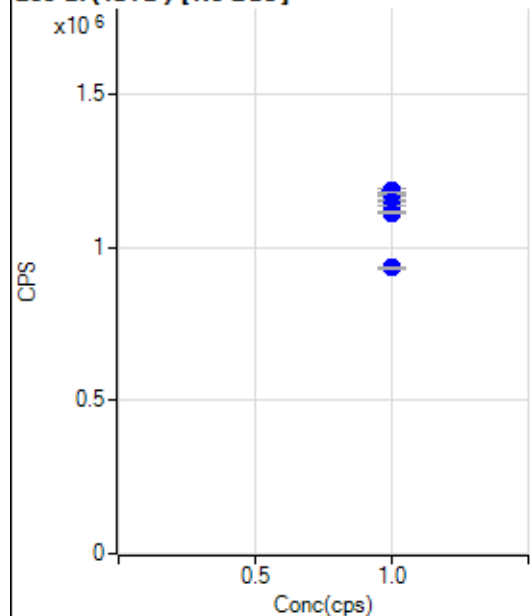
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1123631.51 |       | P        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1133187.96 |       | P        | 0.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1145827.13 |       | P        | 3.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1143237.25 |       | P        | 6.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1105205.93 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1066640.43 |       | P        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1067309.09 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1051230.44 |       | P        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 962296.87  |       | P        | 1.2 |

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

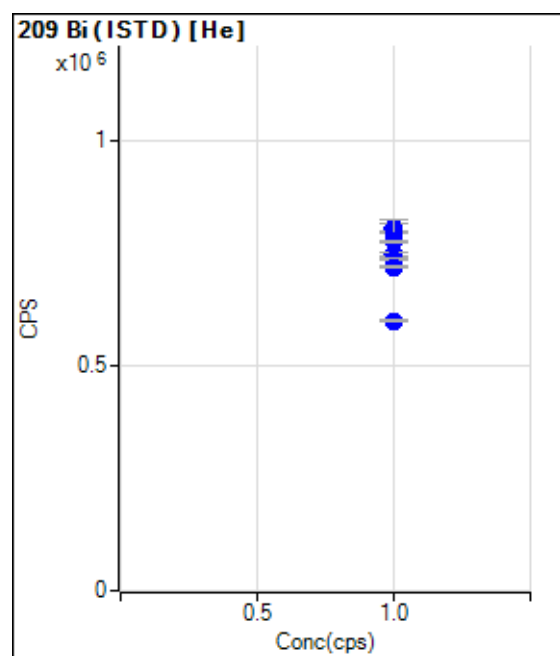
|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1883980.47 |       | A        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1808156.16 |       | A        | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1832961.80 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1824532.03 |       | A        | 1.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1819718.53 |       | A        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1771729.53 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1768003.14 |       | A        | 0.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1788278.58 |       | A        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1639225.15 |       | A        | 0.2 |

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

|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1133811.71 |       | P        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1135163.12 |       | P        | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1145239.16 |       | P        | 2.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1149625.76 |       | P        | 6.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1114429.74 |       | P        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1081266.72 |       | P        | 1.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1079822.98 |       | P        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1066642.31 |       | P        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 977239.87  |       | P        | 0.9 |

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

|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1172628.05 |       | P        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1170708.56 |       | P        | 0.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1184421.72 |       | P        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1173526.84 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1177500.24 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1150968.65 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1136173.00 |       | P        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1113157.24 |       | P        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 934548.21  |       | P        | 0.7 |



|   | Rjc<br>t                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 797539.51 |       | P        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 796320.07 |       | P        | 0.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 805706.35 |       | P        | 2.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 800757.93 |       | P        | 6.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 776862.99 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 749083.66 |       | P        | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 736107.74 |       | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 717671.32 |       | P        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 599909.66 |       | P        | 0.6 |