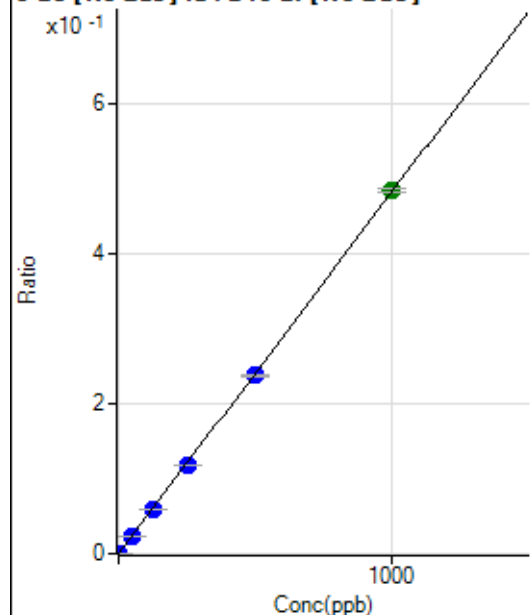


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8123021-MS.b\  
Analysis File: P8123021-MS.batch.bin  
DA Date-Time: 2021-12-30 18:33:13  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 005CALB.d          | S00         | 2021-12-30 11:26:35 |
| 2     | 007CALS.d          | S02         | 2021-12-30 11:32:44 |
| 3     | 008CALS.d          | S03         | 2021-12-30 11:35:49 |
| 4     | 009CALS.d          | S04         | 2021-12-30 11:38:52 |
| 5     | 010CALS.d          | S05         | 2021-12-30 11:41:58 |
| 6     | 011CALS.d          | S06         | 2021-12-30 11:45:01 |
| 7     | 012CALS.d          | S07         | 2021-12-30 11:48:07 |
| 8     | 013CALS.d          | S08         | 2021-12-30 11:51:10 |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 54.66      | 0.0000 | P    | 11.5 |
| 2 | <input type="checkbox"/> | 1.000    | 1.012      | 1296.47    | 0.0005 | P    | 10.8 |
| 3 | <input type="checkbox"/> | 50.000   | 48.990     | 64817.47   | 0.0236 | P    | 5.2  |
| 4 | <input type="checkbox"/> | 125.000  | 124.227    | 163444.80  | 0.0598 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 250.000  | 246.080    | 325610.33  | 0.1184 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 500.000  | 492.676    | 678048.80  | 0.2370 | P    | 1.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 1004.789   | 1359101.94 | 0.4833 | A    | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 691.89     | 0.0003 | P    | 14.7 |

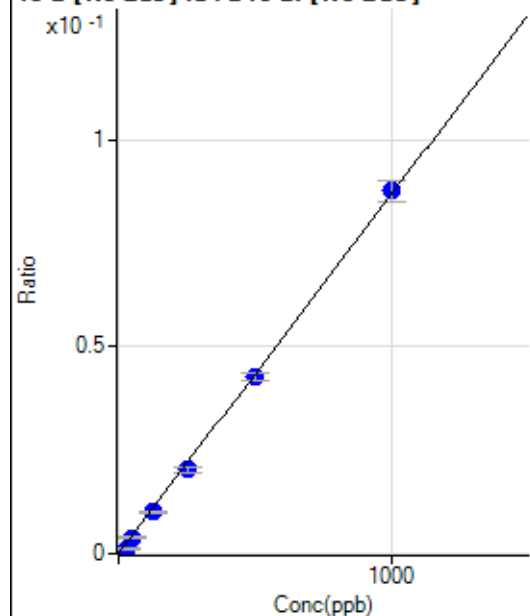
$$y = 4.8097\text{E-}004 * x + 2.1117\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01518$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 210.63    | 0.0001 | P    | 17.2 |
| 2 | <input type="checkbox"/> | 25.000   | 11.581     | 2767.05   | 0.0011 | P    | 14.4 |
| 3 | <input type="checkbox"/> | 50.000   | 44.255     | 10771.19  | 0.0039 | P    | 11.3 |
| 4 | <input type="checkbox"/> | 125.000  | 115.548    | 27672.60  | 0.0101 | P    | 4.4  |
| 5 | <input type="checkbox"/> | 250.000  | 234.009    | 56138.71  | 0.0204 | P    | 7.2  |
| 6 | <input type="checkbox"/> | 500.000  | 493.260    | 122838.59 | 0.0429 | P    | 4.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 1009.172   | 246574.68 | 0.0877 | P    | 5.9  |
| 8 | <input type="checkbox"/> |          |            | 40231.29  | 0.0149 | P    | 9.5  |

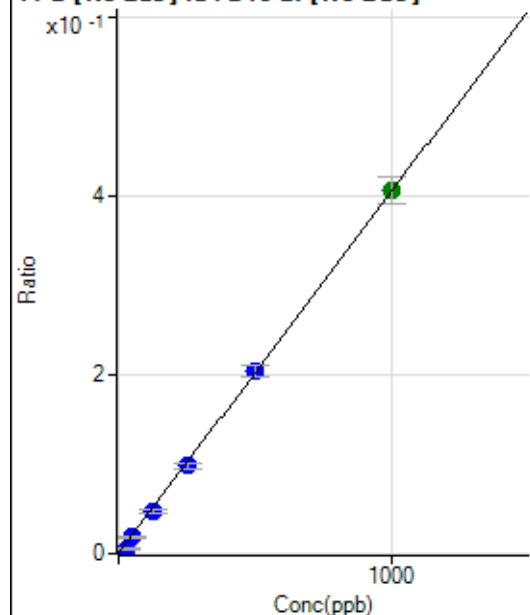
$$y = 8.6859\text{E-}005 * x + 8.1378\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.4839$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 925.85     | 0.0004 | P    | 6.0  |
| 2 | <input type="checkbox"/> | 25.000   | 12.362     | 13629.02   | 0.0054 | P    | 15.5 |
| 3 | <input type="checkbox"/> | 50.000   | 45.501     | 51500.81   | 0.0188 | P    | 10.9 |
| 4 | <input type="checkbox"/> | 125.000  | 115.868    | 129199.50  | 0.0472 | P    | 6.7  |
| 5 | <input type="checkbox"/> | 250.000  | 242.290    | 270625.85  | 0.0984 | P    | 6.1  |
| 6 | <input type="checkbox"/> | 500.000  | 503.910    | 584513.59  | 0.2042 | P    | 5.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 1001.655   | 1139721.87 | 0.4056 | A    | 7.3  |
| 8 | <input type="checkbox"/> |          |            | 187880.01  | 0.0694 | P    | 8.0  |

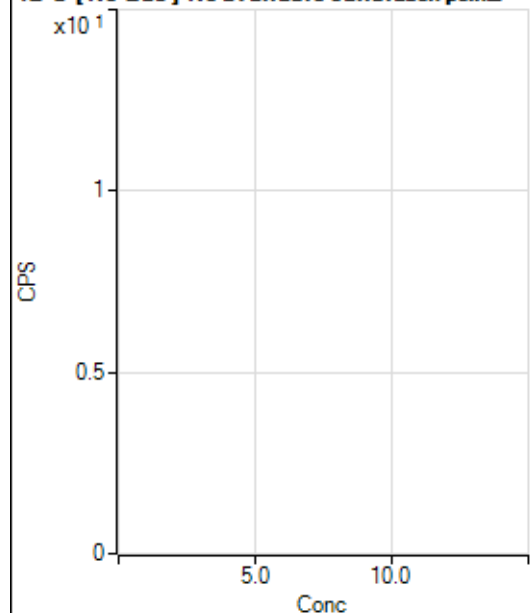
$$y = 4.0457\text{E-}004 * x + 3.5757\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.1589$$

Weight: &lt;None&gt;

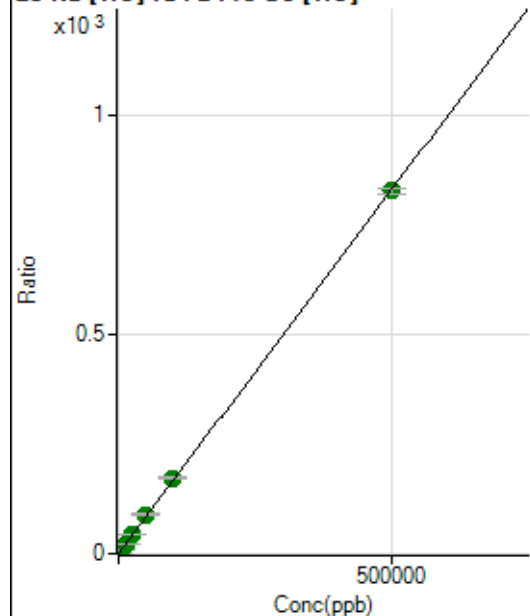
Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc. | Calc Conc. | CPS        | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|------------|-------|------|-----|
| 1 | <input type="checkbox"/> |       |            | 5525398.56 |       | A    | 0.7 |
| 2 | <input type="checkbox"/> |       |            | 5545135.06 |       | A    | 2.6 |
| 3 | <input type="checkbox"/> |       |            | 5740081.16 |       | A    | 1.4 |
| 4 | <input type="checkbox"/> |       |            | 6014661.86 |       | A    | 1.4 |
| 5 | <input type="checkbox"/> |       |            | 6407791.59 |       | A    | 2.0 |
| 6 | <input type="checkbox"/> |       |            | 7039887.31 |       | A    | 2.4 |
| 7 | <input type="checkbox"/> |       |            | 7715130.12 |       | A    | 2.1 |
| 8 | <input type="checkbox"/> |       |            | 6799823.11 |       | A    | 2.1 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 51268.13 |       | P        | 3.9 |
| 2 | <input type="checkbox"/> |       |            | 52569.97 |       | P        | 4.4 |
| 3 | <input type="checkbox"/> |       |            | 55865.50 |       | P        | 2.3 |
| 4 | <input type="checkbox"/> |       |            | 60788.12 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> |       |            | 63061.28 |       | P        | 2.6 |
| 6 | <input type="checkbox"/> |       |            | 73644.10 |       | P        | 0.8 |
| 7 | <input type="checkbox"/> |       |            | 81479.46 |       | P        | 1.9 |
| 8 | <input type="checkbox"/> |       |            | 72404.54 |       | P        | 1.2 |

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 14129.35    | 0.0967   | P        | 2.5 |
| 2 | <input type="checkbox"/> | 500.000   | 444.204    | 122330.78   | 0.8335   | P        | 1.5 |
| 3 | <input type="checkbox"/> | 5000.000  | 5081.524   | 1253947.73  | 8.5259   | A        | 2.0 |
| 4 | <input type="checkbox"/> | 12500.000 | 12707.052  | 3094430.30  | 21.1751  | A        | 1.7 |
| 5 | <input type="checkbox"/> | 25000.000 | 25689.875  | 6246839.29  | 42.7109  | A        | 2.0 |
| 6 | <input type="checkbox"/> | 50000.000 | 53527.718  | 13054169.22 | 88.8883  | A        | 2.9 |
| 7 | <input type="checkbox"/> | 100000.00 | 104319.26  | 24746732.85 | 173.1411 | A        | 1.8 |
| 8 | <input type="checkbox"/> | 500000.00 | 498742.94  | 116798330.3 | 827.4096 | A        | 1.5 |

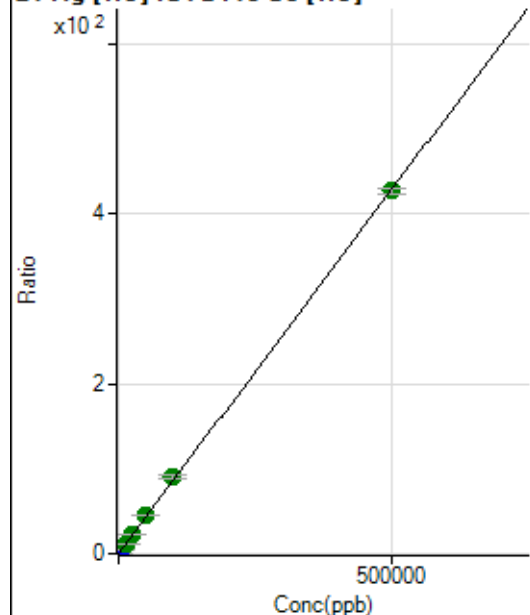
$$y = 0.0017 * x + 0.0967$$

$$R = 0.9999$$

$$DL = 4.367$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|-------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 411.13      | 0.0028   | P   | 5.6 |
| 2 | <input type="checkbox"/> | 500.000   | 456.865    | 57781.99    | 0.3937   | P   | 2.1 |
| 3 | <input type="checkbox"/> | 5000.000  | 4936.108   | 621569.01   | 4.2264   | P   | 1.7 |
| 4 | <input type="checkbox"/> | 12500.000 | 13058.475  | 1633039.46  | 11.1762  | A   | 2.0 |
| 5 | <input type="checkbox"/> | 25000.000 | 26151.115  | 3273072.56  | 22.3789  | A   | 2.0 |
| 6 | <input type="checkbox"/> | 50000.000 | 53068.039  | 6672716.77  | 45.4103  | A   | 0.5 |
| 7 | <input type="checkbox"/> | 100000.00 | 105696.10  | 12926114.70 | 90.4413  | A   | 2.8 |
| 8 | <input type="checkbox"/> | 500000.00 | 498483.14  | 60205481.90 | 426.5280 | A   | 1.5 |

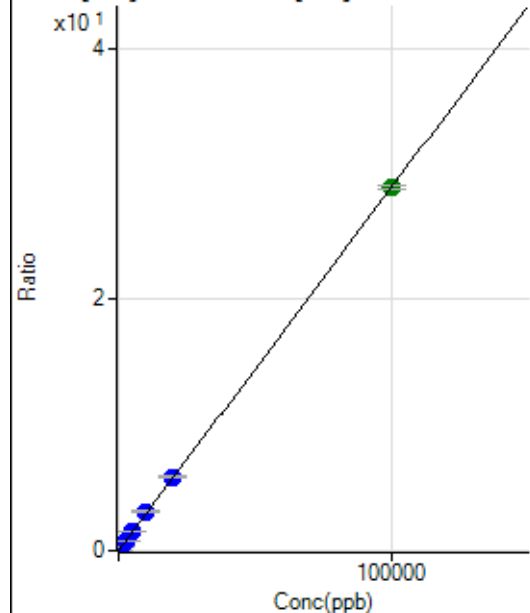
$$y = 8.5565E-004 * x + 0.0028$$

$$R = 0.9999$$

$$DL = 0.5553$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|-----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 47.08      | 0.0003  | P   | 17.9 |
| 2 | <input type="checkbox"/> | 20.000    | 17.764     | 801.59     | 0.0055  | P   | 7.1  |
| 3 | <input type="checkbox"/> | 1000.000  | 1043.636   | 44464.45   | 0.3023  | P   | 1.1  |
| 4 | <input type="checkbox"/> | 2500.000  | 2543.042   | 107582.02  | 0.7362  | P   | 0.9  |
| 5 | <input type="checkbox"/> | 5000.000  | 5061.124   | 214231.73  | 1.4649  | P   | 0.9  |
| 6 | <input type="checkbox"/> | 10000.000 | 10793.847  | 458868.80  | 3.1238  | P   | 1.7  |
| 7 | <input type="checkbox"/> | 20000.000 | 20369.124  | 842507.63  | 5.8947  | P   | 0.9  |
| 8 | <input type="checkbox"/> | 100000.00 | 99842.222  | 4078611.28 | 28.8922 | A   | 1.1  |

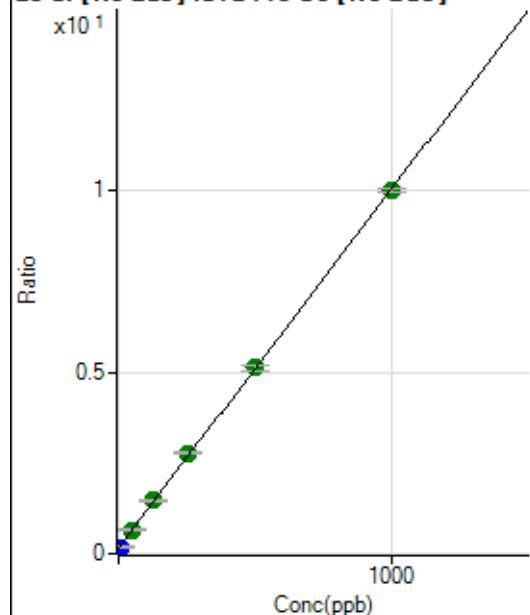
$$y = 2.8938E-004 * x + 3.2241E-004$$

$$R = 1.0000$$

$$DL = 0.5969$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 758281.07   | 0.1679 | P   | 1.2  |
| 2 | <input type="checkbox"/> | 10.000   | 1.046      | 793782.04   | 0.1782 | P   | 13.4 |
| 3 | <input type="checkbox"/> | 50.000   | 48.220     | 3134537.64  | 0.6437 | A   | 5.8  |
| 4 | <input type="checkbox"/> | 125.000  | 132.521    | 6792138.95  | 1.4754 | A   | 4.1  |
| 5 | <input type="checkbox"/> | 250.000  | 264.424    | 12577525.19 | 2.7769 | A   | 3.0  |
| 6 | <input type="checkbox"/> | 500.000  | 500.943    | 24631257.84 | 5.1106 | A   | 3.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 995.161    | 45308777.75 | 9.9869 | A   | 1.2  |
| 8 | <input type="checkbox"/> |          |            | 1293667.21  | 0.2907 | A   | 2.4  |

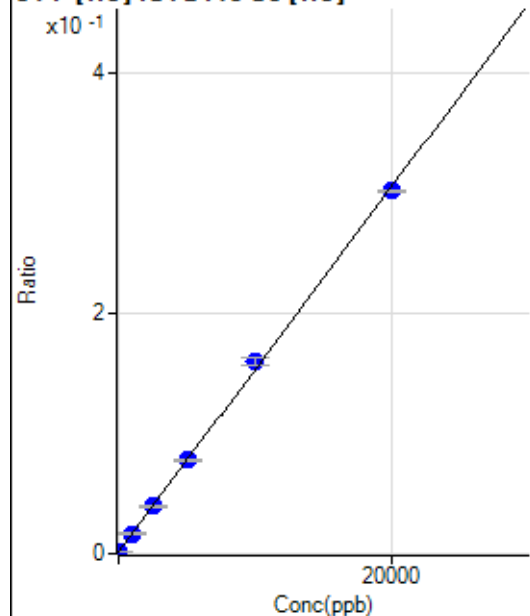
$$y = 0.0099 * x + 0.1679$$

$$R = 0.9998$$

$$DL = 0.62$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | -10.384    | 200.01   | 0.0014 | P   | 21.9 |
| 2 | <input type="checkbox"/> | 0.000     | 10.384     | 247.23   | 0.0017 | P   | 6.5  |
| 3 | <input type="checkbox"/> | 1000.000  | 991.255    | 2436.39  | 0.0166 | P   | 8.9  |
| 4 | <input type="checkbox"/> | 2500.000  | 2485.865   | 5734.63  | 0.0392 | P   | 6.2  |
| 5 | <input type="checkbox"/> | 5000.000  | 5023.768   | 11371.43 | 0.0777 | P   | 2.7  |
| 6 | <input type="checkbox"/> | 10000.000 | 10440.290  | 23486.42 | 0.1599 | P   | 3.6  |
| 7 | <input type="checkbox"/> | 20000.000 | 19776.117  | 43103.91 | 0.3016 | P   | 0.7  |
| 8 | <input type="checkbox"/> |           |            | 305.57   | 0.0022 | P   | 10.4 |

$$y = 1.5172E-005 * x + 0.0015$$

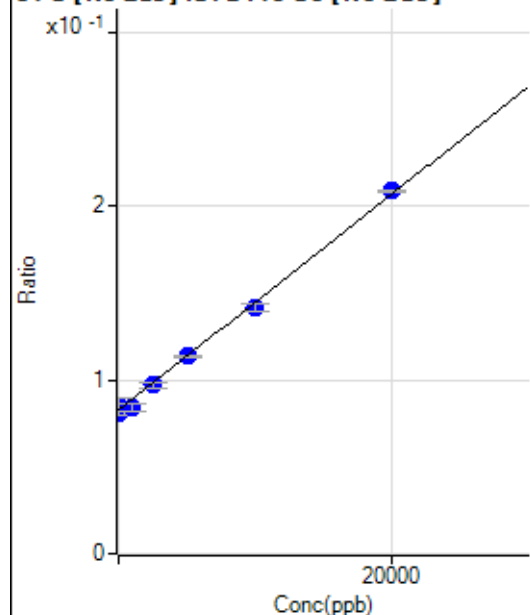
$$R = 0.9996$$

$$DL = 40.53$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | -322.706   | 365038.16 | 0.0808 | P    | 1.3  |
| 2 | <input type="checkbox"/> | 0.000     | 322.706    | 378220.34 | 0.0848 | P    | 12.4 |
| 3 | <input type="checkbox"/> | 1000.000  | 193.438    | 409201.16 | 0.0840 | P    | 5.7  |
| 4 | <input type="checkbox"/> | 2500.000  | 2272.785   | 446331.26 | 0.0969 | P    | 3.7  |
| 5 | <input type="checkbox"/> | 5000.000  | 4959.607   | 514709.86 | 0.1136 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 10000.000 | 9543.345   | 684997.30 | 0.1421 | P    | 2.8  |
| 7 | <input type="checkbox"/> | 20000.000 | 20307.156  | 948196.51 | 0.2090 | P    | 0.3  |
| 8 | <input type="checkbox"/> |           |            | 348883.06 | 0.0784 | P    | 1.5  |

$$y = 6.2138E-006 * x + 0.0828$$

R = 0.9987

DL = 2786

Weight: <None>

Min Conc: 0

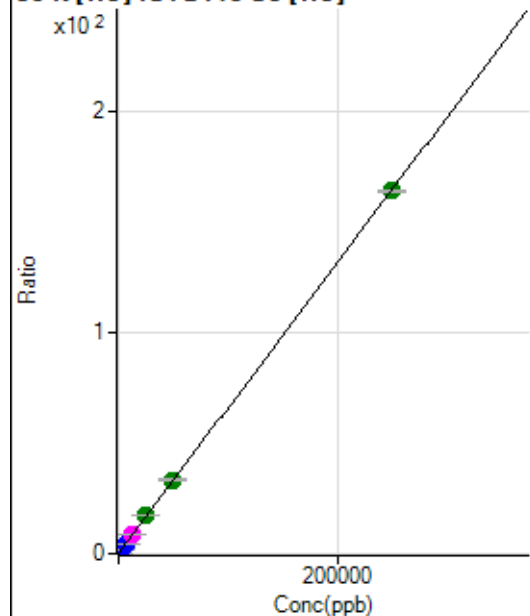
35 Cl [No Gas] No available calibration points



|   | R <sub>ct</sub>          | Conc. | Calc Conc. | CPS       | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|-----------|-------|------|-----|
| 1 | <input type="checkbox"/> |       |            | 363849.34 |       | P    | 0.5 |
| 2 | <input type="checkbox"/> |       |            | 323362.18 |       | P    | 0.7 |
| 3 | <input type="checkbox"/> |       |            | 333163.25 |       | P    | 0.5 |
| 4 | <input type="checkbox"/> |       |            | 319960.86 |       | P    | 0.4 |
| 5 | <input type="checkbox"/> |       |            | 328718.47 |       | P    | 1.0 |
| 6 | <input type="checkbox"/> |       |            | 324695.95 |       | P    | 0.9 |
| 7 | <input type="checkbox"/> |       |            | 336377.02 |       | P    | 0.4 |
| 8 | <input type="checkbox"/> |       |            | 317454.69 |       | P    | 1.0 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det | RSD  |
|---|--------------------------|-------|------------|---------|-------|-----|------|
| 1 | <input type="checkbox"/> |       |            | 2500.29 |       | P   | 3.5  |
| 2 | <input type="checkbox"/> |       |            | 2414.16 |       | P   | 8.0  |
| 3 | <input type="checkbox"/> |       |            | 2430.83 |       | P   | 8.5  |
| 4 | <input type="checkbox"/> |       |            | 2139.10 |       | P   | 10.0 |
| 5 | <input type="checkbox"/> |       |            | 2186.34 |       | P   | 0.8  |
| 6 | <input type="checkbox"/> |       |            | 2286.35 |       | P   | 9.4  |
| 7 | <input type="checkbox"/> |       |            | 2111.32 |       | P   | 3.4  |
| 8 | <input type="checkbox"/> |       |            | 2047.42 |       | P   | 12.0 |

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|-------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 19224.38    | 0.1315   | P   | 1.7 |
| 2 | <input type="checkbox"/> | 500.000   | 453.495    | 63016.27    | 0.4294   | P   | 1.5 |
| 3 | <input type="checkbox"/> | 2500.000  | 2532.146   | 263956.37   | 1.7946   | P   | 0.3 |
| 4 | <input type="checkbox"/> | 6250.000  | 6389.256   | 632431.98   | 4.3280   | P   | 1.2 |
| 5 | <input type="checkbox"/> | 12500.000 | 12879.106  | 1256482.22  | 8.5905   | M   | 2.6 |
| 6 | <input type="checkbox"/> | 25000.000 | 26340.931  | 2560021.82  | 17.4321  | A   | 3.0 |
| 7 | <input type="checkbox"/> | 50000.000 | 50595.283  | 4768217.38  | 33.3623  | A   | 1.8 |
| 8 | <input type="checkbox"/> | 250000.00 | 249724.18  | 23172248.95 | 164.1494 | A   | 0.6 |

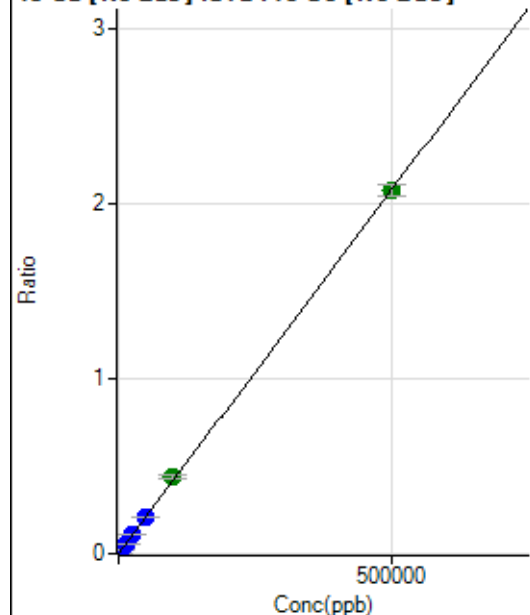
$$y = 6.5680E-004 * x + 0.1315$$

$$R = 1.0000$$

$$DL = 10.29$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1190.32    | 0.0003 | P    | 3.8  |
| 2 | <input type="checkbox"/> | 500.000   | 444.359    | 9378.15    | 0.0021 | P    | 14.1 |
| 3 | <input type="checkbox"/> | 5000.000  | 4630.685   | 94831.45   | 0.0195 | P    | 5.4  |
| 4 | <input type="checkbox"/> | 12500.000 | 12501.345  | 239924.57  | 0.0521 | P    | 3.8  |
| 5 | <input type="checkbox"/> | 25000.000 | 25390.242  | 478176.10  | 0.1056 | P    | 1.3  |
| 6 | <input type="checkbox"/> | 50000.000 | 49690.804  | 994524.39  | 0.2064 | P    | 3.3  |
| 7 | <input type="checkbox"/> | 100000.00 | 105172.99  | 1980475.95 | 0.4365 | A    | 3.6  |
| 8 | <input type="checkbox"/> | 500000.00 | 498980.52  | 9210281.65 | 2.0698 | A    | 3.3  |

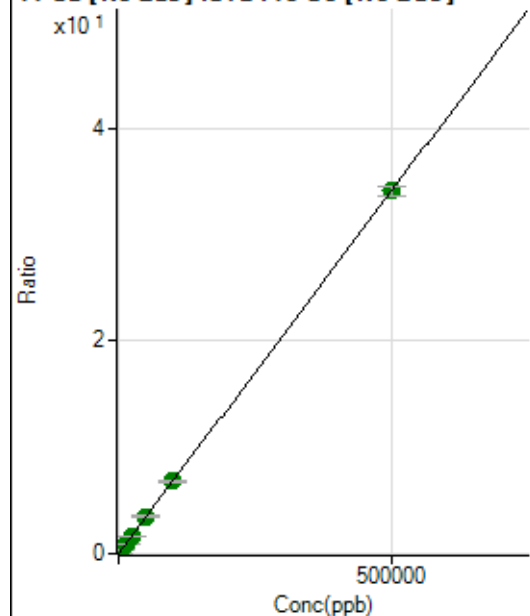
$$y = 4.1476\text{E-}006 * x + 2.6357\text{E-}004$$

$$R = 0.9999$$

$$DL = 7.207$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 30276.82    | 0.0067  | P    | 2.1  |
| 2 | <input type="checkbox"/> | 500.000   | 454.744    | 167917.16   | 0.0377  | P    | 13.9 |
| 3 | <input type="checkbox"/> | 5000.000  | 4800.514   | 1626280.07  | 0.3341  | A    | 7.2  |
| 4 | <input type="checkbox"/> | 12500.000 | 12540.299  | 3968803.75  | 0.8619  | A    | 2.9  |
| 5 | <input type="checkbox"/> | 25000.000 | 24892.970  | 7719021.80  | 1.7042  | A    | 1.0  |
| 6 | <input type="checkbox"/> | 50000.000 | 50507.135  | 16627586.26 | 3.4509  | A    | 4.8  |
| 7 | <input type="checkbox"/> | 100000.00 | 99647.195  | 30859122.45 | 6.8019  | A    | 0.9  |
| 8 | <input type="checkbox"/> | 500000.00 | 500026.23  | 151768937.4 | 34.1049 | A    | 2.4  |

$$y = 6.8193\text{E-}005 * x + 0.0067$$

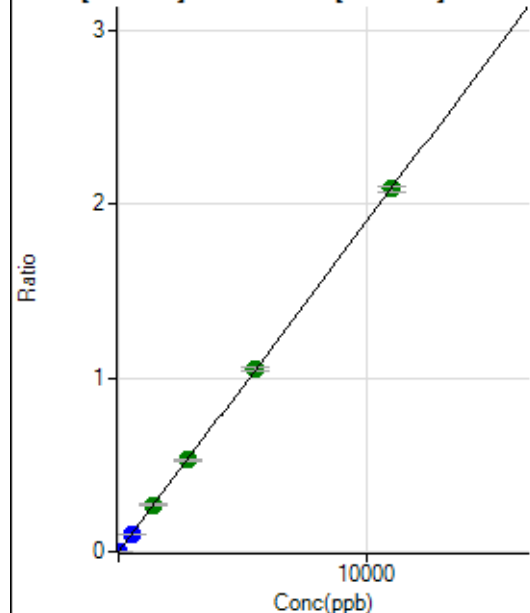
$$R = 1.0000$$

$$DL = 6.088$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 313.90     | 0.0001 | P    | 17.2 |
| 2 | <input type="checkbox"/> | 5.000     | 4.873      | 4445.25    | 0.0010 | P    | 11.7 |
| 3 | <input type="checkbox"/> | 550.000   | 527.851    | 489304.61  | 0.1005 | P    | 5.8  |
| 4 | <input type="checkbox"/> | 1375.000  | 1413.357   | 1238354.49 | 0.2689 | A    | 3.0  |
| 5 | <input type="checkbox"/> | 2750.000  | 2776.383   | 2392419.98 | 0.5282 | A    | 1.4  |
| 6 | <input type="checkbox"/> | 5500.000  | 5521.566   | 5063356.23 | 1.0504 | A    | 2.0  |
| 7 | <input type="checkbox"/> | 11000.000 | 10978.934  | 9474132.59 | 2.0885 | A    | 1.9  |
| 8 | <input type="checkbox"/> |           |            | 4346.07    | 0.0010 | P    | 27.4 |

$$y = 1.9022\text{E-}004 * x + 6.9518\text{E-}005$$

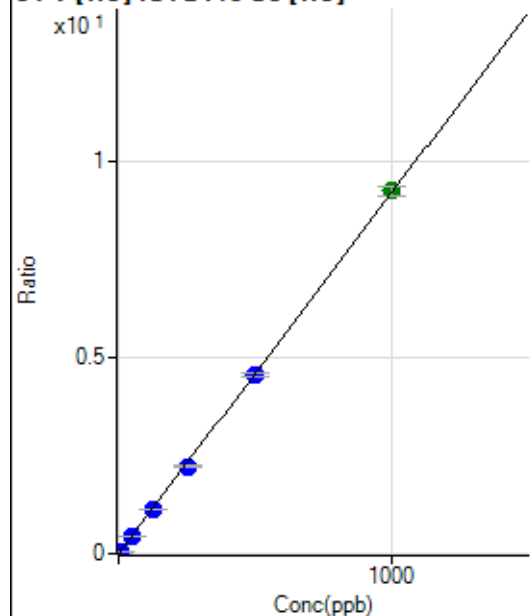
$$R = 1.0000$$

$$DL = 0.1883$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6.67       | 0.0000 | P    | 50.7 |
| 2 | <input type="checkbox"/> | 5.000    | 4.575      | 6176.96    | 0.0421 | P    | 4.0  |
| 3 | <input type="checkbox"/> | 50.000   | 47.908     | 64760.31   | 0.4403 | P    | 1.2  |
| 4 | <input type="checkbox"/> | 125.000  | 122.574    | 164591.89  | 1.1264 | P    | 1.4  |
| 5 | <input type="checkbox"/> | 250.000  | 241.447    | 324482.91  | 2.2188 | P    | 1.3  |
| 6 | <input type="checkbox"/> | 500.000  | 494.396    | 667349.19  | 4.5432 | P    | 1.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 1005.350   | 1320572.57 | 9.2386 | A    | 2.5  |
| 8 | <input type="checkbox"/> |          |            | 354.45     | 0.0025 | P    | 11.5 |

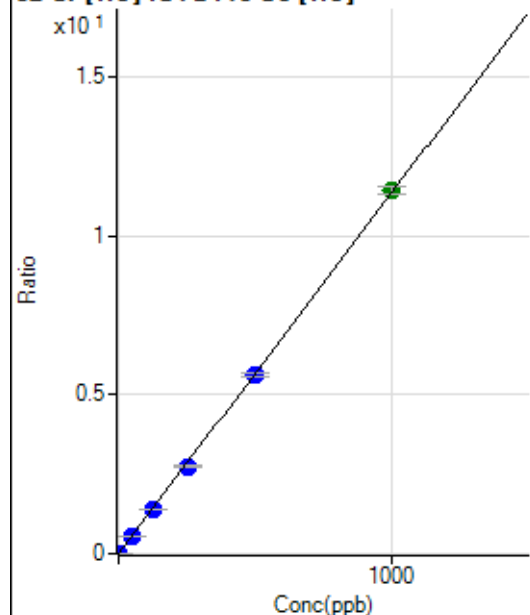
$$y = 0.0092 * x + 4.5756\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.007575$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD |
|---|--------------------------|----------|------------|------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 665.58     | 0.0046  | P   | 4.0 |
| 2 | <input type="checkbox"/> | 2.000    | 1.807      | 3673.85    | 0.0250  | P   | 4.0 |
| 3 | <input type="checkbox"/> | 50.000   | 48.694     | 81859.56   | 0.5566  | P   | 0.5 |
| 4 | <input type="checkbox"/> | 125.000  | 121.588    | 202087.93  | 1.3829  | P   | 0.3 |
| 5 | <input type="checkbox"/> | 250.000  | 241.871    | 401659.59  | 2.7464  | P   | 0.7 |
| 6 | <input type="checkbox"/> | 500.000  | 494.261    | 823664.62  | 5.6076  | P   | 2.0 |
| 7 | <input type="checkbox"/> | 1000.000 | 1005.394   | 1630004.51 | 11.4019 | A   | 2.2 |
| 8 | <input type="checkbox"/> |          |            | 3903.91    | 0.0277  | P   | 2.7 |

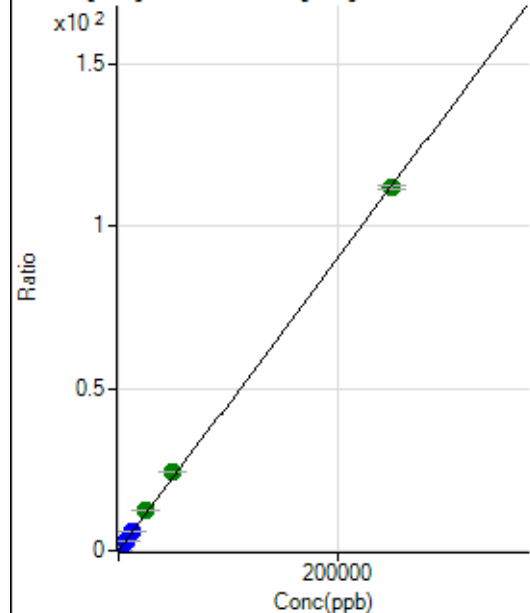
$$y = 0.0113 * x + 0.0046$$

$$R = 0.9999$$

$$DL = 0.04804$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|-------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 550.02      | 0.0038   | P   | 6.1 |
| 2 | <input type="checkbox"/> | 50.000    | 49.610     | 3822.80     | 0.0260   | P   | 2.9 |
| 3 | <input type="checkbox"/> | 2500.000  | 2644.804   | 175291.97   | 1.1919   | P   | 1.7 |
| 4 | <input type="checkbox"/> | 6250.000  | 6664.320   | 437997.94   | 2.9976   | P   | 2.1 |
| 5 | <input type="checkbox"/> | 12500.000 | 13153.481  | 864697.60   | 5.9128   | P   | 0.6 |
| 6 | <input type="checkbox"/> | 25000.000 | 27647.941  | 1824621.63  | 12.4242  | A   | 2.9 |
| 7 | <input type="checkbox"/> | 50000.000 | 54144.270  | 3477196.05  | 24.3272  | A   | 0.2 |
| 8 | <input type="checkbox"/> | 250000.00 | 248861.87  | 15782876.05 | 111.8010 | A   | 1.0 |

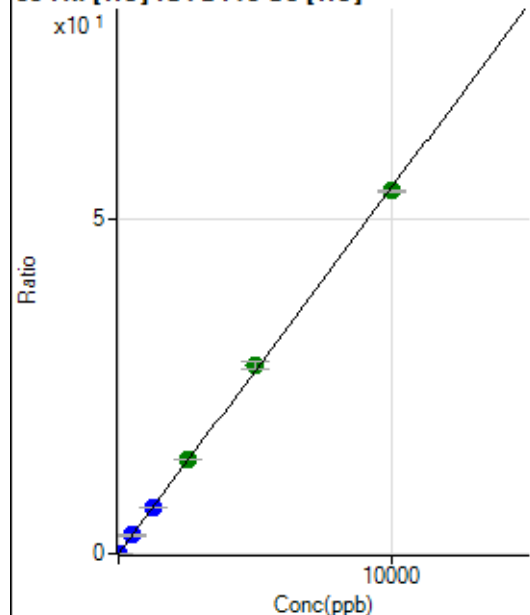
$$y = 4.4923E-004 * x + 0.0038$$

$$R = 0.9998$$

$$DL = 1.528$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>55</sup>Mn [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|-----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 51.11      | 0.0003  | P   | 20.0 |
| 2 | <input type="checkbox"/> | 1.000     | 0.953      | 816.70     | 0.0056  | P   | 1.8  |
| 3 | <input type="checkbox"/> | 500.000   | 499.430    | 401825.74  | 2.7320  | P   | 1.4  |
| 4 | <input type="checkbox"/> | 1250.000  | 1248.552   | 997943.47  | 6.8294  | P   | 1.0  |
| 5 | <input type="checkbox"/> | 2500.000  | 2573.753   | 2058652.02 | 14.0778 | A   | 1.3  |
| 6 | <input type="checkbox"/> | 5000.000  | 5135.253   | 4124008.03 | 28.0882 | A   | 4.3  |
| 7 | <input type="checkbox"/> | 10000.000 | 9914.145   | 7750818.57 | 54.2268 | A   | 0.4  |
| 8 | <input type="checkbox"/> |           |            | 5012.08    | 0.0355  | P   | 1.9  |

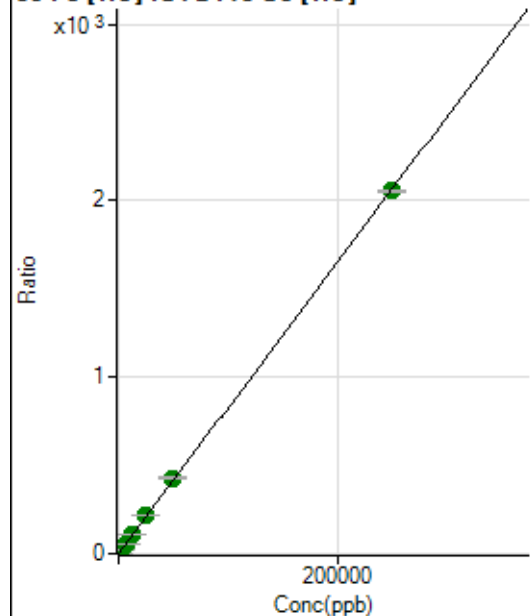
$$y = 0.0055 * x + 3.4927E-004$$

$$R = 0.9998$$

$$DL = 0.03822$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>56</sup>Fe [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|-------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 3356.01     | 0.0230   | P   | 4.2 |
| 2 | <input type="checkbox"/> | 50.000    | 48.388     | 61885.89    | 0.4217   | P   | 1.4 |
| 3 | <input type="checkbox"/> | 2500.000  | 2690.833   | 3264310.69  | 22.1952  | A   | 2.2 |
| 4 | <input type="checkbox"/> | 6250.000  | 6679.866   | 8046507.24  | 55.0646  | A   | 0.4 |
| 5 | <input type="checkbox"/> | 12500.000 | 13167.557  | 15868992.25 | 108.5227 | A   | 1.4 |
| 6 | <input type="checkbox"/> | 25000.000 | 26410.254  | 31976356.04 | 217.6417 | A   | 1.1 |
| 7 | <input type="checkbox"/> | 50000.000 | 52070.439  | 61326635.16 | 429.0799 | A   | 1.2 |
| 8 | <input type="checkbox"/> | 250000.00 | 249398.85  | 290098765.7 | 2055.052 | A   | 0.3 |

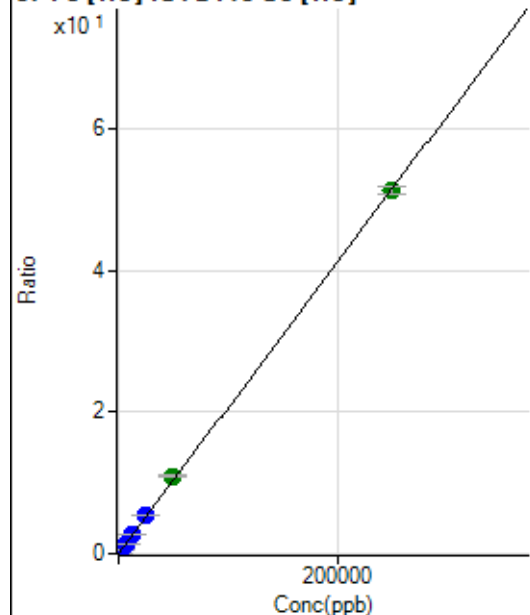
$$y = 0.0082 * x + 0.0230$$

$$R = 1.0000$$

$$DL = 0.3501$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|-----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 279.64     | 0.0019  | P   | 26.0 |
| 2 | <input type="checkbox"/> | 50.000    | 49.437     | 1774.22    | 0.0121  | P   | 11.9 |
| 3 | <input type="checkbox"/> | 2500.000  | 2588.448   | 78631.14   | 0.5346  | P   | 1.1  |
| 4 | <input type="checkbox"/> | 6250.000  | 6550.585   | 197289.77  | 1.3501  | P   | 0.5  |
| 5 | <input type="checkbox"/> | 12500.000 | 12881.015  | 387963.64  | 2.6529  | P   | 0.1  |
| 6 | <input type="checkbox"/> | 25000.000 | 26023.600  | 787108.42  | 5.3577  | P   | 1.6  |
| 7 | <input type="checkbox"/> | 50000.000 | 53322.127  | 1568886.93 | 10.9759 | A   | 0.9  |
| 8 | <input type="checkbox"/> | 250000.00 | 249205.76  | 7241112.49 | 51.2898 | A   | 2.0  |

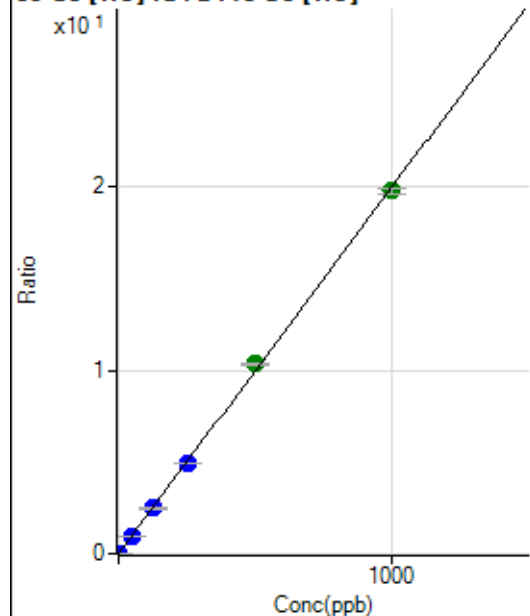
$$y = 2.0581E-004 * x + 0.0019$$

$$R = 0.9999$$

$$DL = 7.264$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 72.22      | 0.0005  | P   | 30.5 |
| 2 | <input type="checkbox"/> | 1.000    | 0.924      | 2780.30    | 0.0189  | P   | 1.9  |
| 3 | <input type="checkbox"/> | 50.000   | 49.420     | 145190.74  | 0.9872  | P   | 0.6  |
| 4 | <input type="checkbox"/> | 125.000  | 123.688    | 360916.32  | 2.4699  | P   | 0.8  |
| 5 | <input type="checkbox"/> | 250.000  | 246.197    | 718927.11  | 4.9158  | P   | 0.5  |
| 6 | <input type="checkbox"/> | 500.000  | 519.794    | 1524758.40 | 10.3782 | A   | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 991.247    | 2829160.69 | 19.7907 | A   | 1.7  |
| 8 | <input type="checkbox"/> |          |            | 4132.87    | 0.0293  | P   | 2.4  |

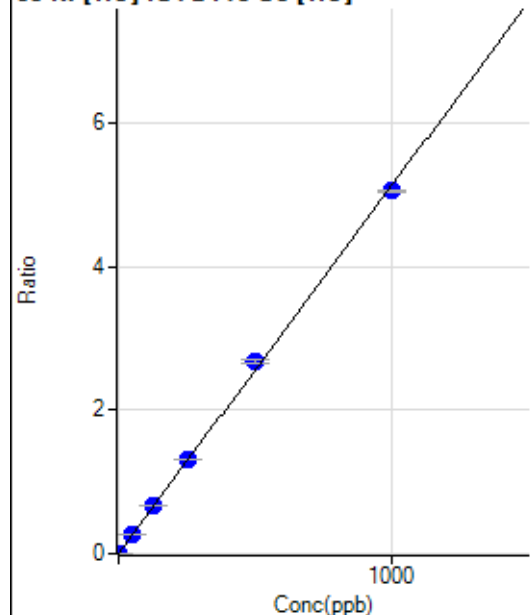
$$y = 0.0200 * x + 4.9494E-004$$

$$R = 0.9997$$

$$DL = 0.02266$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 103.33    | 0.0007 | P   | 0.9 |
| 2 | <input type="checkbox"/> | 1.000    | 0.950      | 818.92    | 0.0056 | P   | 1.8 |
| 3 | <input type="checkbox"/> | 50.000   | 52.137     | 39435.74  | 0.2681 | P   | 2.5 |
| 4 | <input type="checkbox"/> | 125.000  | 130.861    | 98190.57  | 0.6719 | P   | 0.2 |
| 5 | <input type="checkbox"/> | 250.000  | 256.313    | 192371.22 | 1.3154 | P   | 0.5 |
| 6 | <input type="checkbox"/> | 500.000  | 521.878    | 393290.29 | 2.6776 | P   | 2.0 |
| 7 | <input type="checkbox"/> | 1000.000 | 986.643    | 723471.68 | 5.0615 | P   | 0.2 |
| 8 | <input type="checkbox"/> |          |            | 1423.42   | 0.0101 | P   | 2.9 |

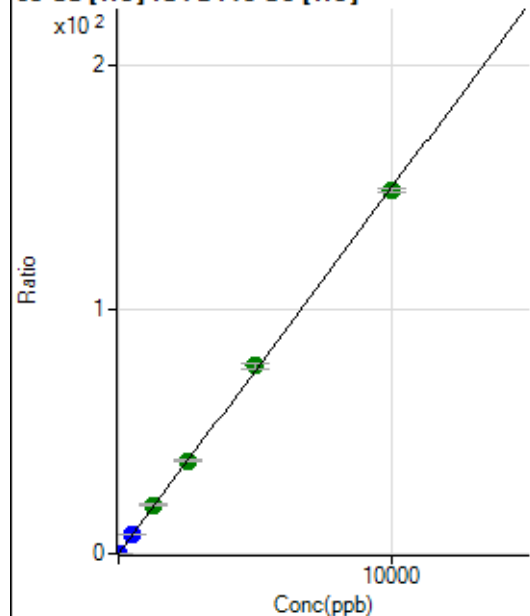
$$y = 0.0051 * x + 7.0705E-004$$

$$R = 0.9996$$

$$DL = 0.003909$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|-------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 581.13      | 0.0040   | P   | 4.9 |
| 2 | <input type="checkbox"/> | 2.000     | 1.957      | 4883.10     | 0.0333   | P   | 2.0 |
| 3 | <input type="checkbox"/> | 500.000   | 508.739    | 1120467.09  | 7.6182   | P   | 1.0 |
| 4 | <input type="checkbox"/> | 1250.000  | 1331.569   | 2912655.51  | 19.9333  | A   | 2.9 |
| 5 | <input type="checkbox"/> | 2500.000  | 2542.590   | 5565412.97  | 38.0584  | A   | 2.0 |
| 6 | <input type="checkbox"/> | 5000.000  | 5127.935   | 11271933.16 | 76.7528  | A   | 2.9 |
| 7 | <input type="checkbox"/> | 10000.000 | 9914.752   | 21212717.46 | 148.3961 | A   | 1.2 |
| 8 | <input type="checkbox"/> |           |            | 7567.22     | 0.0536   | P   | 6.9 |

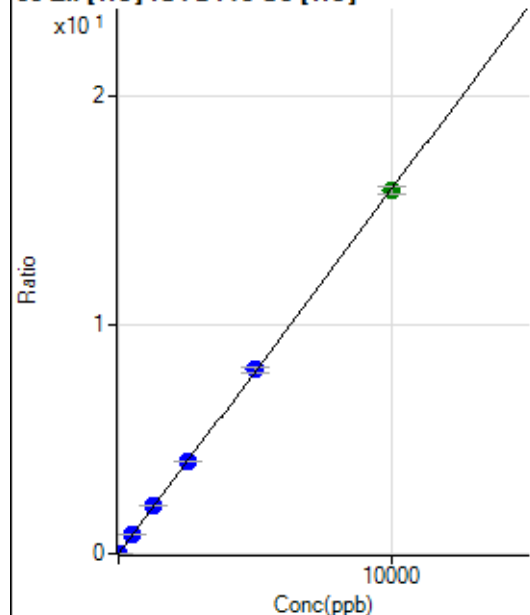
$$y = 0.0150 * x + 0.0040$$

$$R = 0.9998$$

$$DL = 0.03881$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 166.67     | 0.0011  | P        | 9.1  |
| 2 | <input type="checkbox"/> | 2.000     | 1.717      | 568.90     | 0.0039  | P        | 10.2 |
| 3 | <input type="checkbox"/> | 500.000   | 516.746    | 121330.61  | 0.8249  | P        | 0.4  |
| 4 | <input type="checkbox"/> | 1250.000  | 1300.471   | 303117.56  | 2.0743  | P        | 0.5  |
| 5 | <input type="checkbox"/> | 2500.000  | 2546.871   | 593927.21  | 4.0613  | P        | 0.7  |
| 6 | <input type="checkbox"/> | 5000.000  | 5047.903   | 1181999.73 | 8.0485  | P        | 2.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 9957.185   | 2269236.63 | 15.8748 | A        | 2.1  |
| 8 | <input type="checkbox"/> |           |            | 3018.13    | 0.0214  | P        | 3.1  |

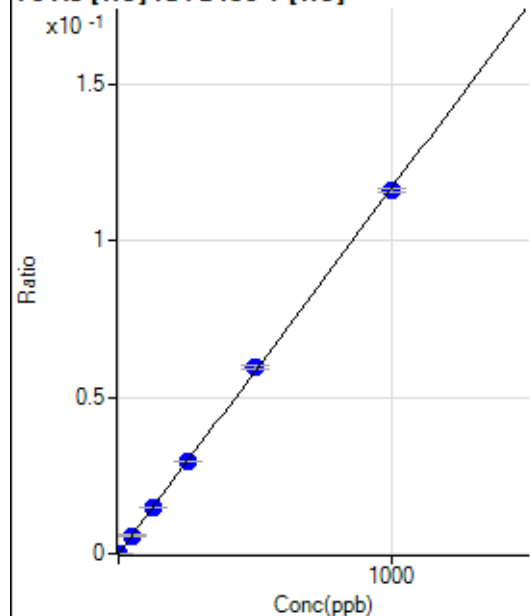
$$y = 0.0016 * x + 0.0011$$

$$R = 1.0000$$

$$DL = 0.1949$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 5.33      | 0.0000 | P        | 77.0 |
| 2 | <input type="checkbox"/> | 1.000    | 0.983      | 154.69    | 0.0001 | P        | 6.3  |
| 3 | <input type="checkbox"/> | 50.000   | 49.816     | 7489.08   | 0.0058 | P        | 0.7  |
| 4 | <input type="checkbox"/> | 125.000  | 125.863    | 18813.05  | 0.0147 | P        | 0.7  |
| 5 | <input type="checkbox"/> | 250.000  | 254.765    | 37177.04  | 0.0298 | P        | 0.3  |
| 6 | <input type="checkbox"/> | 500.000  | 511.713    | 74838.05  | 0.0598 | P        | 2.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 992.854    | 140038.52 | 0.1160 | P        | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 69.34     | 0.0001 | P        | 12.8 |

$$y = 1.1679E-004 * x + 4.2469E-006$$

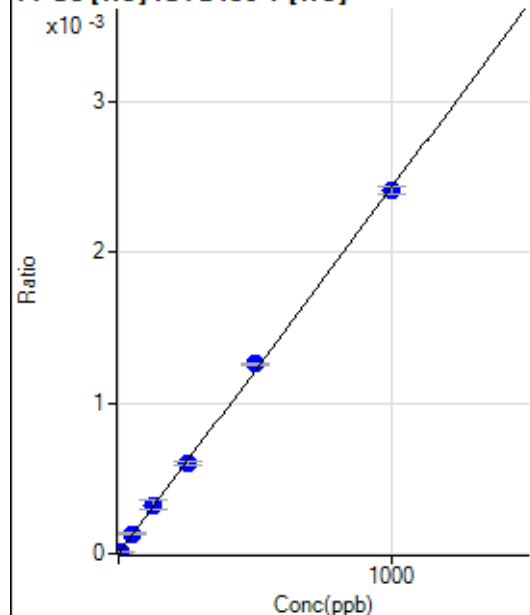
$$R = 0.9999$$

$$DL = 0.08402$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS     | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|---------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2.22    | 0.0000 | P   | 173. |
| 2 | <input type="checkbox"/> | 5.000    | 3.506      | 13.33   | 0.0000 | P   | 42.9 |
| 3 | <input type="checkbox"/> | 50.000   | 52.707     | 166.67  | 0.0001 | P   | 7.1  |
| 4 | <input type="checkbox"/> | 125.000  | 133.060    | 415.57  | 0.0003 | P   | 16.9 |
| 5 | <input type="checkbox"/> | 250.000  | 245.735    | 746.69  | 0.0006 | P   | 3.9  |
| 6 | <input type="checkbox"/> | 500.000  | 518.669    | 1577.89 | 0.0013 | P   | 0.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 990.597    | 2903.66 | 0.0024 | P   | 2.1  |
| 8 | <input type="checkbox"/> |          |            | 5.55    | 0.0000 | P   | 69.0 |

$$y = 2.4257\text{E-}006 * x + 1.7412\text{E-}006$$

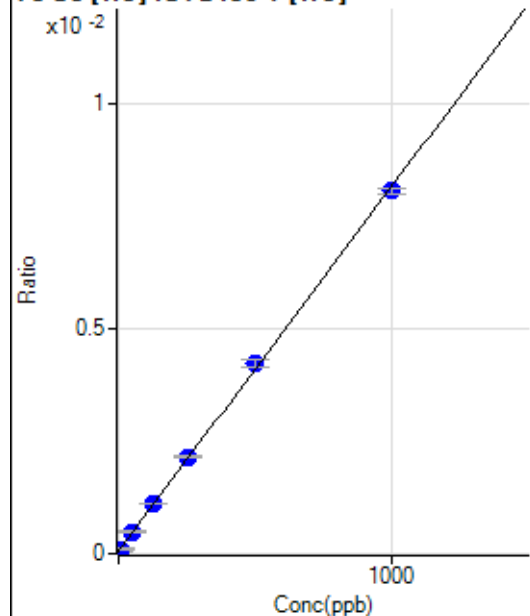
$$R = 0.9997$$

$$DL = 3.73$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS     | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|---------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 73.34   | 0.0001 | P   | 12.5 |
| 2 | <input type="checkbox"/> | 5.000    | 5.477      | 133.01  | 0.0001 | P   | 18.2 |
| 3 | <input type="checkbox"/> | 50.000   | 52.729     | 623.74  | 0.0005 | P   | 5.0  |
| 4 | <input type="checkbox"/> | 125.000  | 128.500    | 1405.22 | 0.0011 | P   | 1.4  |
| 5 | <input type="checkbox"/> | 250.000  | 258.395    | 2685.20 | 0.0021 | P   | 2.5  |
| 6 | <input type="checkbox"/> | 500.000  | 517.626    | 5318.88 | 0.0042 | P   | 4.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 988.512    | 9733.02 | 0.0081 | P   | 1.6  |
| 8 | <input type="checkbox"/> |          |            | 59.68   | 0.0000 | P   | 10.2 |

$$y = 8.0948\text{E-}006 * x + 5.8034\text{E-}005$$

$$R = 0.9997$$

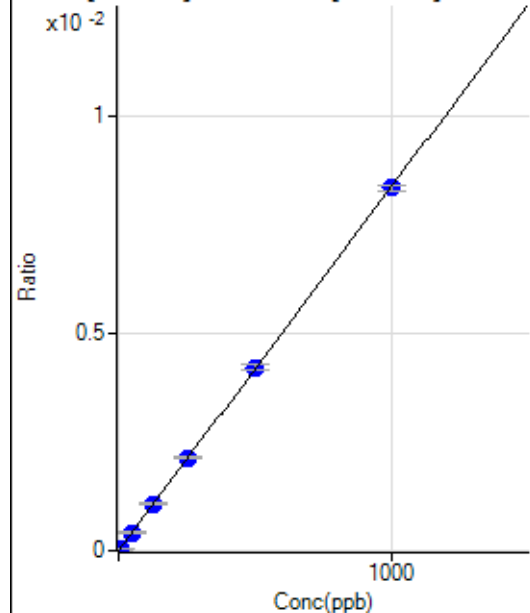
$$DL = 2.692$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 25800.33 |       | P        | 2.7 |
| 2 | <input type="checkbox"/> |       |            | 27077.57 |       | P        | 2.8 |
| 3 | <input type="checkbox"/> |       |            | 26194.79 |       | P        | 0.5 |
| 4 | <input type="checkbox"/> |       |            | 25713.56 |       | P        | 3.7 |
| 5 | <input type="checkbox"/> |       |            | 24630.29 |       | P        | 3.7 |
| 6 | <input type="checkbox"/> |       |            | 24984.92 |       | P        | 1.3 |
| 7 | <input type="checkbox"/> |       |            | 24938.24 |       | P        | 1.6 |
| 8 | <input type="checkbox"/> |       |            | 24262.91 |       | P        | 2.6 |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS      | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 16.66    | 0.0000 | P        | 207. |
| 2 | <input type="checkbox"/> | 5.000    | 5.344      | 499.82   | 0.0000 | P        | 33.4 |
| 3 | <input type="checkbox"/> | 50.000   | 48.952     | 4868.64  | 0.0004 | P        | 7.1  |
| 4 | <input type="checkbox"/> | 125.000  | 128.424    | 12238.06 | 0.0011 | P        | 2.7  |
| 5 | <input type="checkbox"/> | 250.000  | 254.469    | 24093.25 | 0.0021 | P        | 1.6  |
| 6 | <input type="checkbox"/> | 500.000  | 503.815    | 49683.55 | 0.0042 | P        | 3.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 996.598    | 92974.00 | 0.0083 | P        | 1.5  |
| 8 | <input type="checkbox"/> |          |            | 172.23   | 0.0000 | P        | 32.8 |

$$y = 8.3711E-006 * x + 1.4994E-006$$

$$R = 1.0000$$

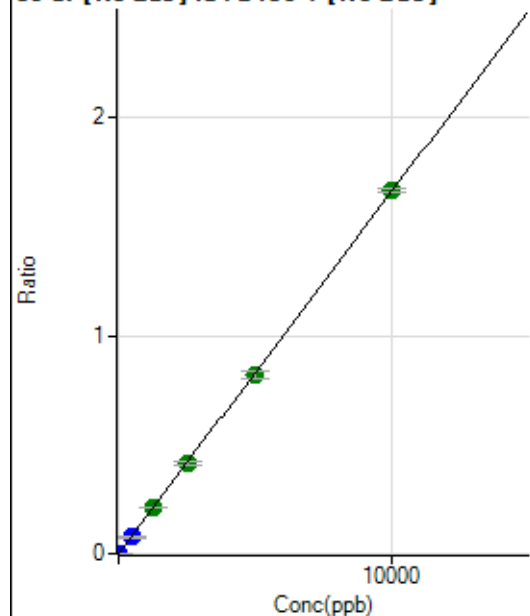
$$DL = 1.114$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|---------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 1382.30 |       | P        | 3.5 |
| 2 | <input type="checkbox"/> |       |            | 1347.86 |       | P        | 7.2 |
| 3 | <input type="checkbox"/> |       |            | 1365.64 |       | P        | 7.1 |
| 4 | <input type="checkbox"/> |       |            | 1383.42 |       | P        | 8.2 |
| 5 | <input type="checkbox"/> |       |            | 1338.97 |       | P        | 9.8 |
| 6 | <input type="checkbox"/> |       |            | 1375.64 |       | P        | 4.9 |
| 7 | <input type="checkbox"/> |       |            | 1384.53 |       | P        | 3.3 |
| 8 | <input type="checkbox"/> |       |            | 1327.85 |       | P        | 4.2 |

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 2175.25     | 0.0002 | P        | 5.1  |
| 2 | <input type="checkbox"/> | 1.000     | 0.984      | 3945.12     | 0.0004 | P        | 14.1 |
| 3 | <input type="checkbox"/> | 500.000   | 469.887    | 923653.19   | 0.0781 | P        | 8.4  |
| 4 | <input type="checkbox"/> | 1250.000  | 1272.554   | 2400174.62  | 0.2111 | A        | 1.9  |
| 5 | <input type="checkbox"/> | 2500.000  | 2502.636   | 4690257.70  | 0.4150 | A        | 2.7  |
| 6 | <input type="checkbox"/> | 5000.000  | 4937.177   | 9638543.45  | 0.8185 | A        | 3.5  |
| 7 | <input type="checkbox"/> | 10000.000 | 10029.439  | 18526157.88 | 1.6625 | A        | 1.2  |
| 8 | <input type="checkbox"/> |           |            | 20636.24    | 0.0019 | P        | 10.2 |

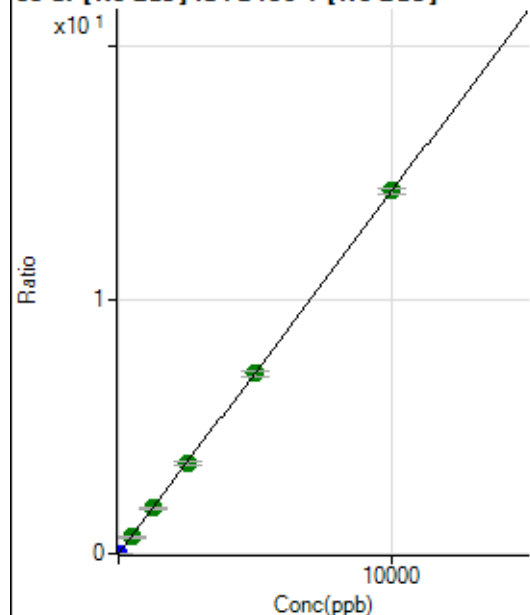
$$y = 1.6575E-004 * x + 1.9619E-004$$

$$R = 1.0000$$

$$DL = 0.1801$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 191.67      | 0.0000  | P    | 24.2 |
| 2 | <input type="checkbox"/> | 1.000     | 0.944      | 14941.77    | 0.0014  | P    | 17.4 |
| 3 | <input type="checkbox"/> | 500.000   | 467.863    | 7913342.71  | 0.6687  | A    | 7.8  |
| 4 | <input type="checkbox"/> | 1250.000  | 1251.463   | 20334656.88 | 1.7887  | A    | 2.2  |
| 5 | <input type="checkbox"/> | 2500.000  | 2493.127   | 40271591.87 | 3.5634  | A    | 2.5  |
| 6 | <input type="checkbox"/> | 5000.000  | 4972.969   | 83711412.98 | 7.1078  | A    | 2.7  |
| 7 | <input type="checkbox"/> | 10000.000 | 10016.658  | 159518606.3 | 14.3167 | A    | 1.8  |
| 8 | <input type="checkbox"/> |           |            | 155715.50   | 0.0142  | P    | 13.1 |

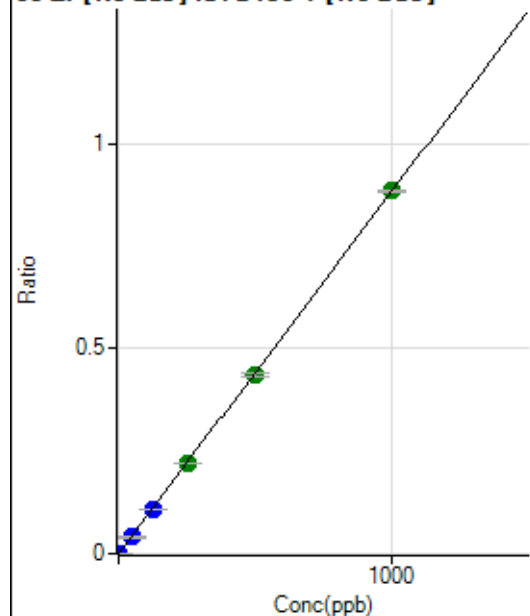
$$y = 0.0014 * x + 1.7286E-005$$

$$R = 1.0000$$

$$DL = 0.008762$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 605.59     | 0.0001 | P    | 42.3 |
| 2 | <input type="checkbox"/> | 1.000    | 0.908      | 9406.19    | 0.0009 | P    | 12.7 |
| 3 | <input type="checkbox"/> | 50.000   | 46.859     | 489822.14  | 0.0414 | P    | 8.7  |
| 4 | <input type="checkbox"/> | 125.000  | 123.795    | 1242923.27 | 0.1093 | P    | 1.3  |
| 5 | <input type="checkbox"/> | 250.000  | 249.677    | 2491643.74 | 0.2204 | A    | 1.0  |
| 6 | <input type="checkbox"/> | 500.000  | 495.608    | 5152537.44 | 0.4375 | A    | 2.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 1002.585   | 9860981.21 | 0.8849 | A    | 0.7  |
| 8 | <input type="checkbox"/> |          |            | 8804.13    | 0.0008 | P    | 15.4 |

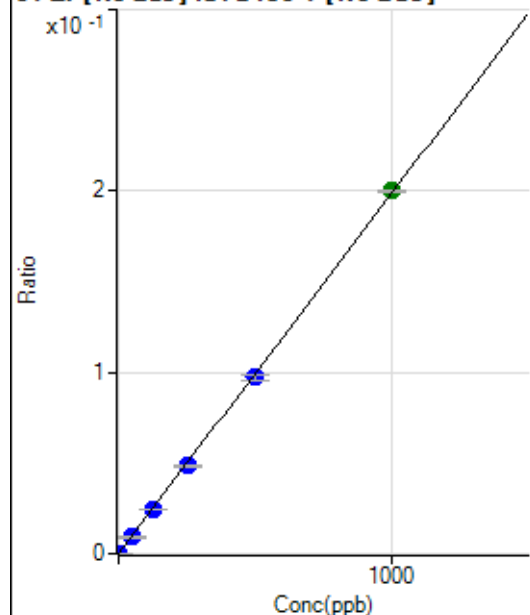
$$y = 8.8259E-004 * x + 5.4651E-005$$

$$R = 1.0000$$

$$DL = 0.07866$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 91.67      | 0.0000 | P        | 18.3 |
| 2 | <input type="checkbox"/> | 1.000    | 0.934      | 2125.21    | 0.0002 | P        | 14.5 |
| 3 | <input type="checkbox"/> | 50.000   | 46.541     | 109224.81  | 0.0092 | P        | 11.5 |
| 4 | <input type="checkbox"/> | 125.000  | 124.076    | 280204.65  | 0.0246 | P        | 2.0  |
| 5 | <input type="checkbox"/> | 250.000  | 243.065    | 545611.04  | 0.0483 | P        | 1.7  |
| 6 | <input type="checkbox"/> | 500.000  | 489.098    | 1143853.58 | 0.0971 | P        | 2.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 1007.473   | 2229489.05 | 0.2001 | A        | 0.3  |
| 8 | <input type="checkbox"/> |          |            | 2005.85    | 0.0002 | P        | 15.6 |

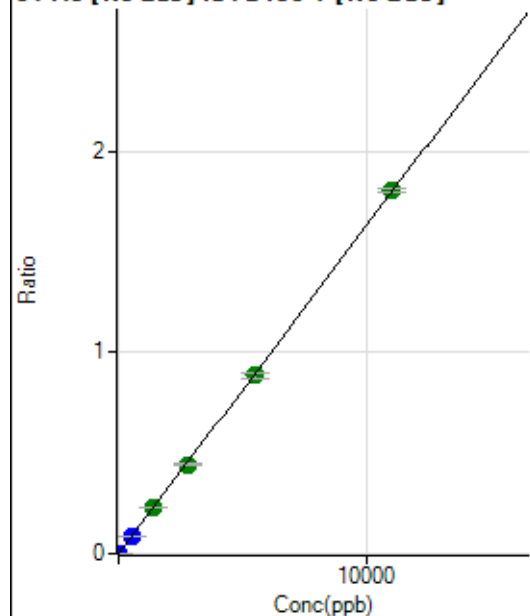
$$y = 1.9857E-004 * x + 8.2693E-006$$

$$R = 0.9999$$

$$DL = 0.02282$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 183.34      | 0.0000 | P        | 18.0 |
| 2 | <input type="checkbox"/> | 5.000     | 5.859      | 10693.31    | 0.0010 | P        | 13.2 |
| 3 | <input type="checkbox"/> | 550.000   | 521.287    | 1006167.15  | 0.0851 | P        | 9.0  |
| 4 | <input type="checkbox"/> | 1375.000  | 1406.329   | 2608960.19  | 0.2295 | A        | 2.9  |
| 5 | <input type="checkbox"/> | 2750.000  | 2699.251   | 4978572.25  | 0.4405 | A        | 2.0  |
| 6 | <input type="checkbox"/> | 5500.000  | 5420.984   | 10417727.93 | 0.8847 | A        | 3.4  |
| 7 | <input type="checkbox"/> | 11000.000 | 11049.715  | 20092395.59 | 1.8032 | A        | 1.1  |
| 8 | <input type="checkbox"/> |           |            | 13132.50    | 0.0012 | P        | 27.3 |

$$y = 1.6319E-004 * x + 1.6532E-005$$

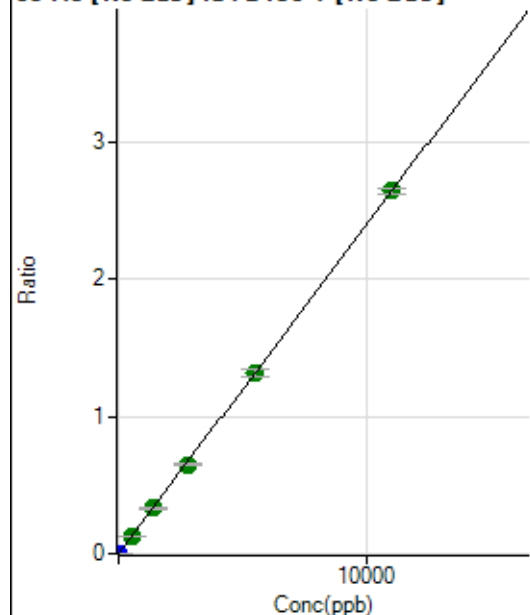
$$R = 0.9999$$

$$DL = 0.05465$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 47.22       | 0.0000 | P        | 10.0 |
| 2 | <input type="checkbox"/> | 5.000     | 4.916      | 12975.79    | 0.0012 | P        | 14.7 |
| 3 | <input type="checkbox"/> | 550.000   | 524.517    | 1486790.66  | 0.1258 | A        | 9.7  |
| 4 | <input type="checkbox"/> | 1375.000  | 1387.528   | 3782485.20  | 0.3327 | A        | 2.3  |
| 5 | <input type="checkbox"/> | 2750.000  | 2705.849   | 7333138.79  | 0.6489 | A        | 2.1  |
| 6 | <input type="checkbox"/> | 5500.000  | 5483.702   | 15484739.41 | 1.3150 | A        | 3.5  |
| 7 | <input type="checkbox"/> | 11000.000 | 11018.895  | 29440120.45 | 2.6423 | A        | 1.7  |
| 8 | <input type="checkbox"/> |           |            | 16122.31    | 0.0015 | P        | 12.4 |

$$y = 2.3980E-004 * x + 4.2589E-006$$

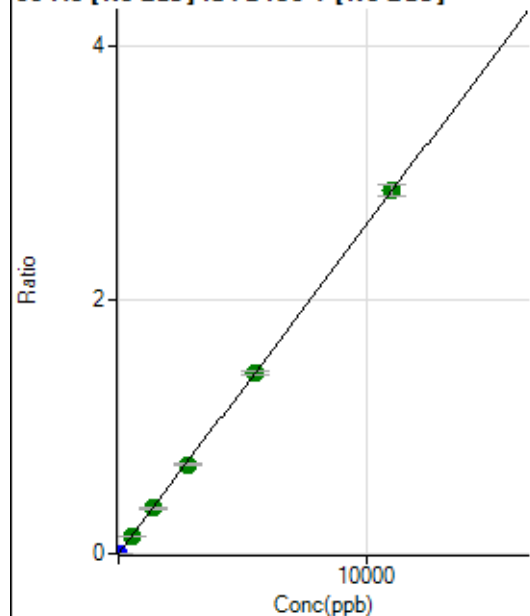
$$R = 1.0000$$

$$DL = 0.005334$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 225.01      | 0.0000 | P        | 13.5 |
| 2 | <input type="checkbox"/> | 5.000     | 4.912      | 14160.34    | 0.0013 | P        | 15.9 |
| 3 | <input type="checkbox"/> | 550.000   | 525.332    | 1609974.49  | 0.1361 | A        | 8.4  |
| 4 | <input type="checkbox"/> | 1375.000  | 1379.306   | 4061980.26  | 0.3573 | A        | 2.2  |
| 5 | <input type="checkbox"/> | 2750.000  | 2699.112   | 7901261.11  | 0.6992 | A        | 2.6  |
| 6 | <input type="checkbox"/> | 5500.000  | 5489.581   | 16747974.16 | 1.4220 | A        | 2.5  |
| 7 | <input type="checkbox"/> | 11000.000 | 11018.627  | 31798685.78 | 2.8542 | A        | 3.3  |
| 8 | <input type="checkbox"/> |           |            | 23589.04    | 0.0022 | P        | 19.4 |

$$y = 2.5904E-004 * x + 2.0298E-005$$

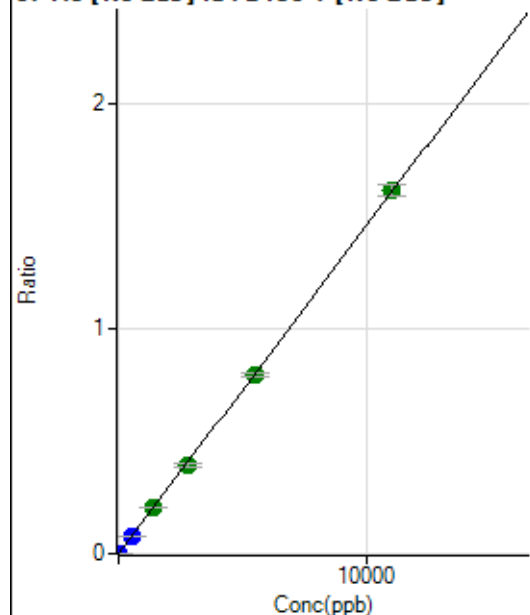
$$R = 1.0000$$

$$DL = 0.03178$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 25.00       | 0.0000 | P   | 57.7 |
| 2 | <input type="checkbox"/> | 5.000     | 4.901      | 7871.90     | 0.0007 | P   | 15.0 |
| 3 | <input type="checkbox"/> | 550.000   | 521.749    | 901238.02   | 0.0762 | P   | 8.7  |
| 4 | <input type="checkbox"/> | 1375.000  | 1390.456   | 2308690.09  | 0.2031 | A   | 1.6  |
| 5 | <input type="checkbox"/> | 2750.000  | 2690.886   | 4440778.14  | 0.3930 | A   | 2.8  |
| 6 | <input type="checkbox"/> | 5500.000  | 5425.726   | 9332736.92  | 0.7924 | A   | 2.0  |
| 7 | <input type="checkbox"/> | 11000.000 | 11051.396  | 17979531.82 | 1.6139 | A   | 3.1  |
| 8 | <input type="checkbox"/> |           |            | 9834.45     | 0.0009 | P   | 13.9 |

$$y = 1.4604\text{E-}004 * x + 2.2530\text{E-}006$$

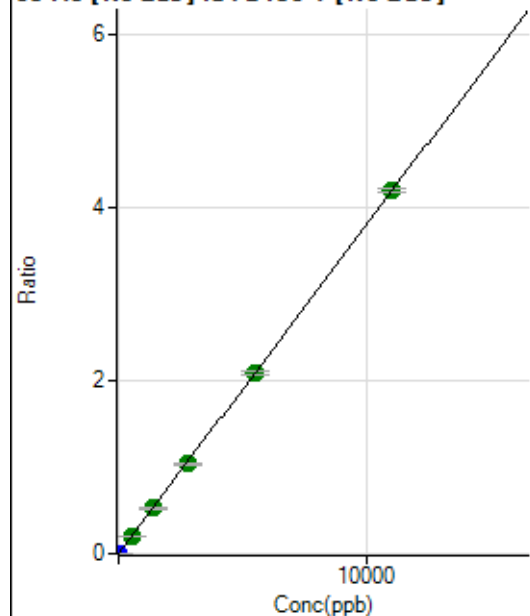
$$R = 0.9999$$

$$DL = 0.02669$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 88.89       | 0.0000 | P   | 28.8 |
| 2 | <input type="checkbox"/> | 5.000     | 4.894      | 20551.90    | 0.0019 | P   | 14.1 |
| 3 | <input type="checkbox"/> | 550.000   | 526.090    | 2373057.24  | 0.2005 | A   | 7.2  |
| 4 | <input type="checkbox"/> | 1375.000  | 1385.487   | 6001891.71  | 0.5279 | A   | 1.9  |
| 5 | <input type="checkbox"/> | 2750.000  | 2716.842   | 11699417.80 | 1.0352 | A   | 2.5  |
| 6 | <input type="checkbox"/> | 5500.000  | 5482.497   | 24606210.79 | 2.0891 | A   | 1.8  |
| 7 | <input type="checkbox"/> | 11000.000 | 11016.926  | 46775844.45 | 4.1979 | A   | 0.9  |
| 8 | <input type="checkbox"/> |           |            | 24025.39    | 0.0022 | P   | 32.1 |

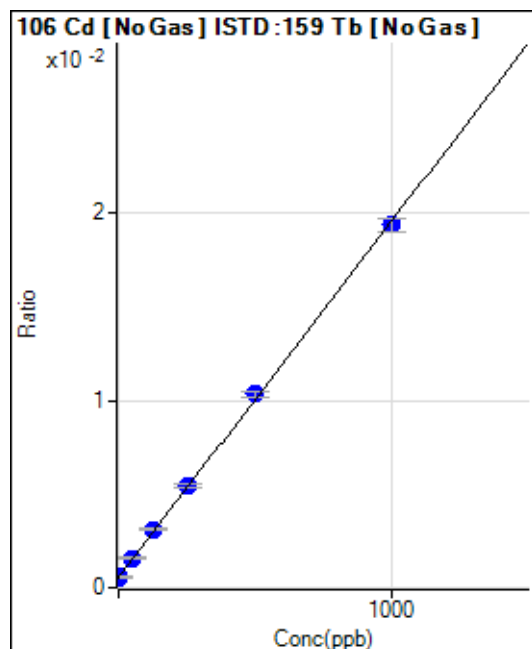
$$y = 3.8104\text{E-}004 * x + 8.0211\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01822$$

Weight: &lt;None&gt;

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3533.89   | 0.0005 | P   | 2.6  |
| 2 | <input type="checkbox"/> | 1.000    | 1.631      | 3689.51   | 0.0006 | P   | 11.8 |
| 3 | <input type="checkbox"/> | 50.000   | 53.627     | 10473.73  | 0.0016 | P   | 4.6  |
| 4 | <input type="checkbox"/> | 125.000  | 134.281    | 20473.97  | 0.0031 | P   | 2.5  |
| 5 | <input type="checkbox"/> | 250.000  | 257.303    | 36510.11  | 0.0054 | P   | 3.5  |
| 6 | <input type="checkbox"/> | 500.000  | 513.929    | 72011.30  | 0.0103 | P   | 3.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 989.868    | 132434.52 | 0.0194 | P   | 3.6  |
| 8 | <input type="checkbox"/> |          |            | 3592.25   | 0.0005 | P   | 6.7  |

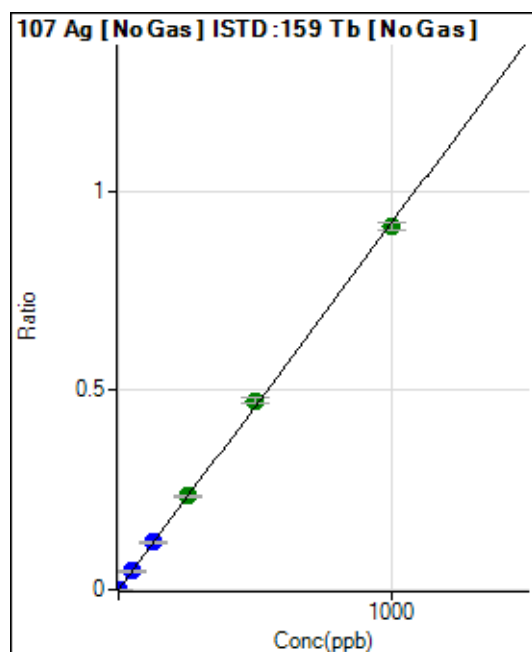
$$y = 1.9011\text{E-}005 * x + 5.4609\text{E-}004$$

$$R = 0.9998$$

$$DL = 2.257$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 94.45      | 0.0000 | P   | 62.7 |
| 2 | <input type="checkbox"/> | 1.000    | 1.017      | 6026.47    | 0.0009 | P   | 11.7 |
| 3 | <input type="checkbox"/> | 50.000   | 50.203     | 308746.63  | 0.0462 | P   | 6.1  |
| 4 | <input type="checkbox"/> | 125.000  | 129.663    | 787843.83  | 0.1193 | P   | 2.5  |
| 5 | <input type="checkbox"/> | 250.000  | 256.060    | 1581585.99 | 0.2355 | A   | 2.6  |
| 6 | <input type="checkbox"/> | 500.000  | 516.532    | 3316118.37 | 0.4751 | A   | 3.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 989.626    | 6226631.69 | 0.9102 | A   | 2.1  |
| 8 | <input type="checkbox"/> |          |            | 2216.91    | 0.0003 | P   | 33.0 |

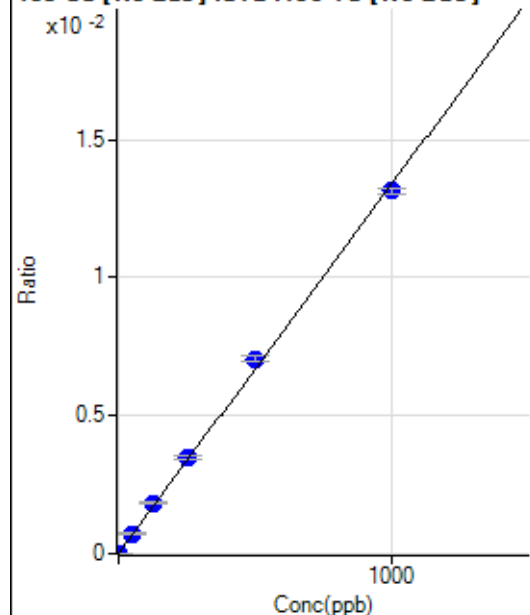
$$y = 9.1977\text{E-}004 * x + 1.4599\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.02985$$

Weight: <None>

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 51.39    | 0.0000 | P   | 51.5 |
| 2 | <input type="checkbox"/> | 1.000    | 0.766      | 116.67   | 0.0000 | P   | 2.9  |
| 3 | <input type="checkbox"/> | 50.000   | 52.687     | 4748.12  | 0.0007 | P   | 12.2 |
| 4 | <input type="checkbox"/> | 125.000  | 136.062    | 12066.52 | 0.0018 | P   | 2.6  |
| 5 | <input type="checkbox"/> | 250.000  | 260.593    | 23445.10 | 0.0035 | P   | 2.6  |
| 6 | <input type="checkbox"/> | 500.000  | 526.905    | 49225.40 | 0.0071 | P   | 2.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 982.383    | 89893.56 | 0.0131 | P   | 1.4  |
| 8 | <input type="checkbox"/> |          |            | 104.17   | 0.0000 | P   | 18.0 |

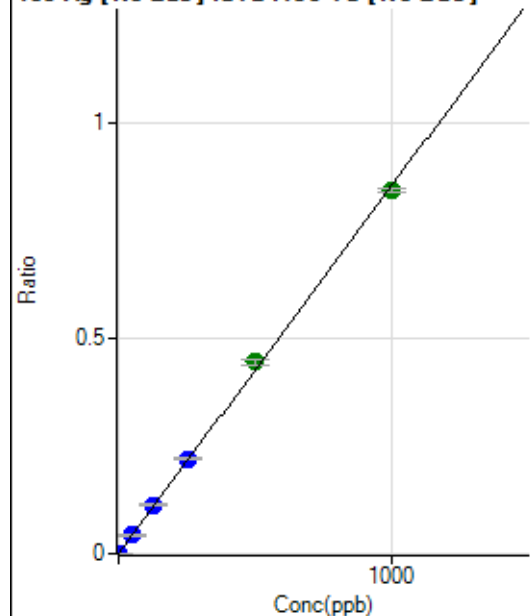
$$y = 1.3368\text{E-}005 * x + 7.9390\text{E-}006$$

$$R = 0.9994$$

$$DL = 0.9167$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 63.89      | 0.0000 | P   | 19.9 |
| 2 | <input type="checkbox"/> | 1.000    | 1.000      | 5451.25    | 0.0009 | P   | 17.8 |
| 3 | <input type="checkbox"/> | 50.000   | 51.050     | 291595.18  | 0.0436 | P   | 6.5  |
| 4 | <input type="checkbox"/> | 125.000  | 132.336    | 747116.87  | 0.1131 | P   | 2.4  |
| 5 | <input type="checkbox"/> | 250.000  | 257.225    | 1476308.43 | 0.2198 | P   | 2.2  |
| 6 | <input type="checkbox"/> | 500.000  | 520.869    | 3107295.30 | 0.4452 | A   | 3.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 986.790    | 5770061.93 | 0.8433 | A   | 1.2  |
| 8 | <input type="checkbox"/> |          |            | 2369.73    | 0.0004 | P   | 29.9 |

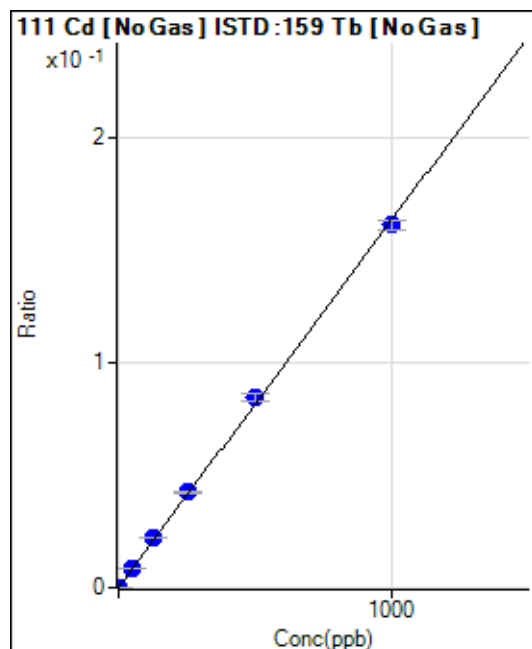
$$y = 8.5461\text{E-}004 * x + 9.8726\text{E-}006$$

$$R = 0.9996$$

$$DL = 0.006892$$

Weight: &lt;None&gt;

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 347.97     | 0.0001 | P    | 5.0  |
| 2 | <input type="checkbox"/> | 1.000    | 1.077      | 1451.24    | 0.0002 | P    | 17.2 |
| 3 | <input type="checkbox"/> | 50.000   | 52.218     | 57447.69   | 0.0086 | P    | 6.3  |
| 4 | <input type="checkbox"/> | 125.000  | 134.467    | 145682.86  | 0.0220 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 250.000  | 258.870    | 284699.59  | 0.0424 | P    | 3.0  |
| 6 | <input type="checkbox"/> | 500.000  | 518.027    | 591799.02  | 0.0848 | P    | 3.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 987.475    | 1105226.76 | 0.1616 | P    | 2.8  |
| 8 | <input type="checkbox"/> |          |            | 844.66     | 0.0001 | P    | 20.3 |

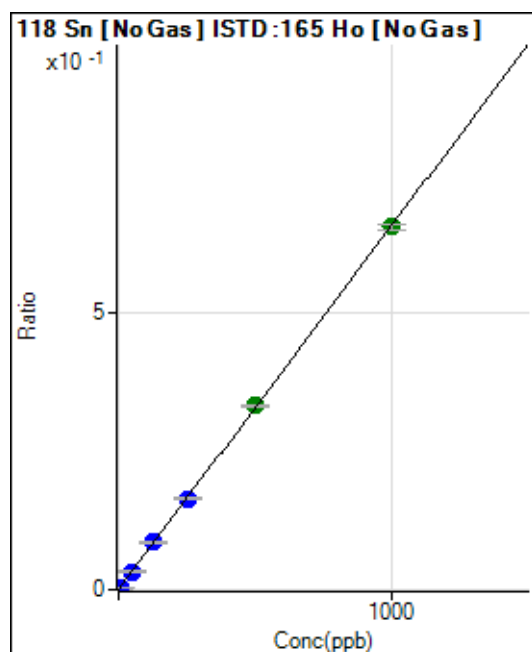
$$y = 1.6358\text{E-}004 * x + 5.3775\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.04936$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2553.10    | 0.0004 | P    | 3.0  |
| 2 | <input type="checkbox"/> | 5.000    | 5.210      | 22299.29   | 0.0039 | P    | 15.8 |
| 3 | <input type="checkbox"/> | 50.000   | 49.472     | 206134.27  | 0.0330 | P    | 6.5  |
| 4 | <input type="checkbox"/> | 125.000  | 129.258    | 526570.79  | 0.0855 | P    | 2.0  |
| 5 | <input type="checkbox"/> | 250.000  | 249.894    | 1025790.48 | 0.1649 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 500.000  | 505.276    | 2168654.67 | 0.3330 | A    | 0.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 996.882    | 4146126.27 | 0.6566 | A    | 1.9  |
| 8 | <input type="checkbox"/> |          |            | 3684.08    | 0.0006 | P    | 14.5 |

$$y = 6.5827\text{E-}004 * x + 4.3504\text{E-}004$$

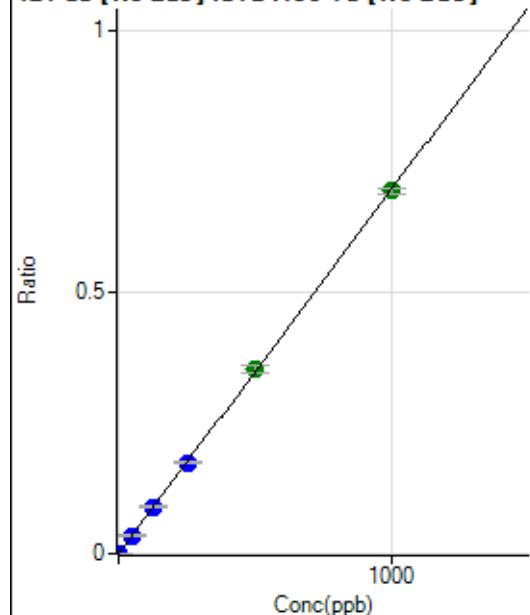
$$R = 1.0000$$

$$DL = 0.05891$$

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 33.33      | 0.0000 | P   | 50.0 |
| 2 | <input type="checkbox"/> | 2.000    | 1.992      | 8764.18    | 0.0014 | P   | 19.4 |
| 3 | <input type="checkbox"/> | 50.000   | 49.441     | 229798.86  | 0.0344 | P   | 8.1  |
| 4 | <input type="checkbox"/> | 125.000  | 128.693    | 591628.53  | 0.0896 | P   | 2.4  |
| 5 | <input type="checkbox"/> | 250.000  | 250.738    | 1171863.70 | 0.1745 | P   | 2.1  |
| 6 | <input type="checkbox"/> | 500.000  | 506.785    | 2461503.27 | 0.3527 | A   | 4.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 995.989    | 4741987.56 | 0.6932 | A   | 1.5  |
| 8 | <input type="checkbox"/> |          |            | 5793.15    | 0.0009 | P   | 2.9  |

$$y = 6.9595E-004 * x + 5.1519E-006$$

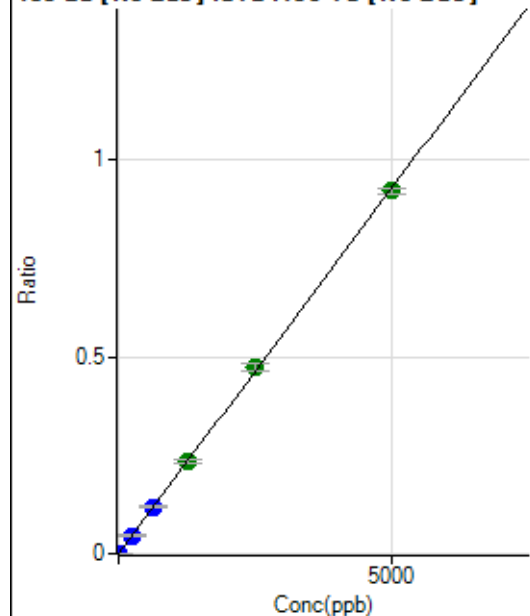
$$R = 1.0000$$

$$DL = 0.01111$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 13.89      | 0.0000 | P   | 91.7 |
| 2 | <input type="checkbox"/> | 10.000   | 9.524      | 11177.16   | 0.0018 | P   | 14.7 |
| 3 | <input type="checkbox"/> | 250.000  | 246.561    | 305364.76  | 0.0457 | P   | 6.6  |
| 4 | <input type="checkbox"/> | 625.000  | 639.992    | 783546.97  | 0.1186 | P   | 2.0  |
| 5 | <input type="checkbox"/> | 1250.000 | 1267.671   | 1577686.81 | 0.2350 | A   | 2.7  |
| 6 | <input type="checkbox"/> | 2500.000 | 2550.891   | 3298992.46 | 0.4728 | A   | 4.7  |
| 7 | <input type="checkbox"/> | 5000.000 | 4968.436   | 6299245.97 | 0.9208 | A   | 1.8  |
| 8 | <input type="checkbox"/> |          |            | 4178.84    | 0.0006 | P   | 13.0 |

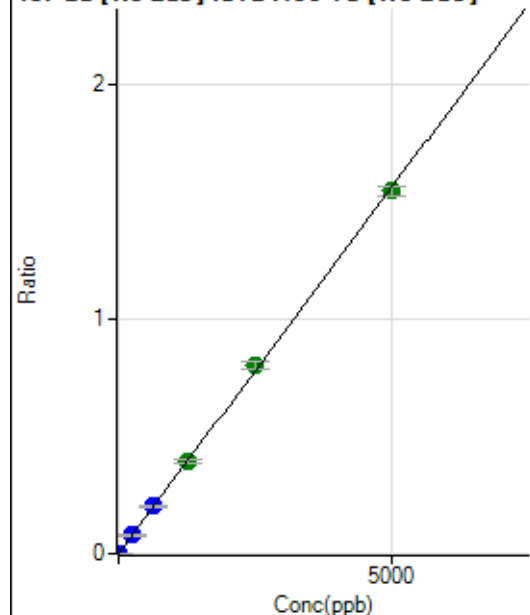
$$y = 1.8534E-004 * x + 2.1456E-006$$

$$R = 0.9999$$

$$DL = 0.03184$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 27.78       | 0.0000 | P        | 17.2 |
| 2 | <input type="checkbox"/> | 10.000   | 9.623      | 19024.95    | 0.0030 | P        | 16.1 |
| 3 | <input type="checkbox"/> | 250.000  | 251.670    | 525701.02   | 0.0787 | P        | 6.6  |
| 4 | <input type="checkbox"/> | 625.000  | 644.923    | 1331880.76  | 0.2016 | P        | 1.2  |
| 5 | <input type="checkbox"/> | 1250.000 | 1257.094   | 2638353.81  | 0.3930 | A        | 4.1  |
| 6 | <input type="checkbox"/> | 2500.000 | 2577.310   | 5622339.45  | 0.8057 | A        | 4.2  |
| 7 | <input type="checkbox"/> | 5000.000 | 4956.998   | 10598876.11 | 1.5495 | A        | 2.4  |
| 8 | <input type="checkbox"/> |          |            | 7241.76     | 0.0011 | P        | 17.4 |

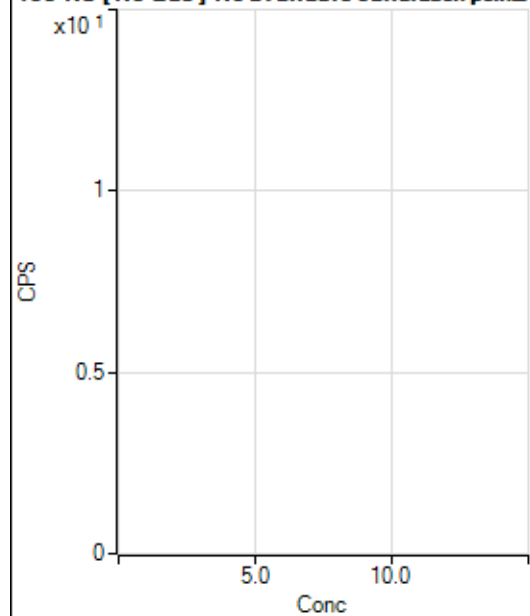
$$y = 3.1259E-004 * x + 4.2919E-006$$

$$R = 0.9998$$

$$DL = 0.007093$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 15.56  |       | P        | 65.5 |
| 2 | <input type="checkbox"/> |       |            | 15.55  |       | P        | 24.8 |
| 3 | <input type="checkbox"/> |       |            | 24.44  |       | P        | 31.5 |
| 4 | <input type="checkbox"/> |       |            | 62.22  |       | P        | 34.4 |
| 5 | <input type="checkbox"/> |       |            | 73.33  |       | P        | 56.8 |
| 6 | <input type="checkbox"/> |       |            | 217.79 |       | P        | 33.6 |
| 7 | <input type="checkbox"/> |       |            | 366.68 |       | P        | 12.6 |
| 8 | <input type="checkbox"/> |       |            | 46.67  |       | P        | 24.7 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 2 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 3 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 43.3 |
| 5 | <input type="checkbox"/> |       |            | 12.22 |       | P        | 15.7 |
| 6 | <input type="checkbox"/> |       |            | 25.55 |       | P        | 27.1 |
| 7 | <input type="checkbox"/> |       |            | 46.67 |       | P        | 7.1  |
| 8 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 66.7 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 8.33   |       | P        | 100. |
| 2 | <input type="checkbox"/> |       |            | 8.33   |       | P        | 173. |
| 3 | <input type="checkbox"/> |       |            | 22.22  |       | P        | 21.6 |
| 4 | <input type="checkbox"/> |       |            | 52.78  |       | P        | 39.7 |
| 5 | <input type="checkbox"/> |       |            | 47.22  |       | P        | 62.0 |
| 6 | <input type="checkbox"/> |       |            | 152.79 |       | P        | 13.7 |
| 7 | <input type="checkbox"/> |       |            | 272.23 |       | P        | 18.5 |
| 8 | <input type="checkbox"/> |       |            | 941.73 |       | P        | 9.2  |

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

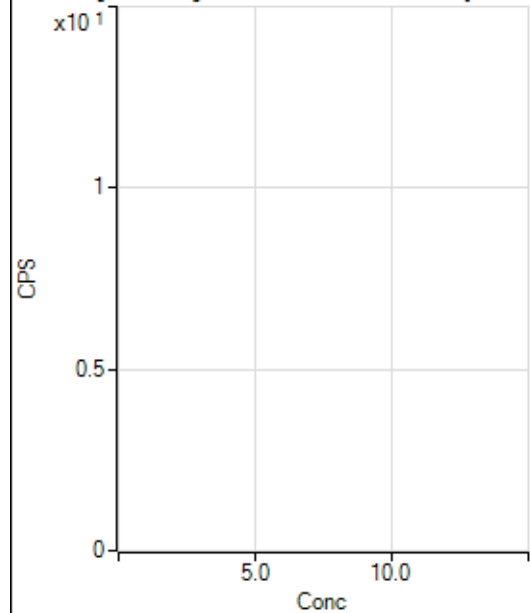
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 1.11   |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            | 1.11   |       | P        | 173. |
| 3 | <input type="checkbox"/> |       |            | 7.78   |       | P        | 89.2 |
| 4 | <input type="checkbox"/> |       |            | 20.00  |       | P        | 44.1 |
| 5 | <input type="checkbox"/> |       |            | 33.33  |       | P        | 26.4 |
| 6 | <input type="checkbox"/> |       |            | 76.67  |       | P        | 23.0 |
| 7 | <input type="checkbox"/> |       |            | 126.67 |       | P        | 13.9 |
| 8 | <input type="checkbox"/> |       |            | 406.68 |       | P        | 5.1  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 52.78  |       | P        | 50.8 |
| 2 | <input type="checkbox"/> |       |            | 61.11  |       | P        | 56.8 |
| 3 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 32.7 |
| 4 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 37.6 |
| 5 | <input type="checkbox"/> |       |            | 133.34 |       | P        | 21.7 |
| 6 | <input type="checkbox"/> |       |            | 147.23 |       | P        | 23.6 |
| 7 | <input type="checkbox"/> |       |            | 275.01 |       | P        | 16.9 |
| 8 | <input type="checkbox"/> |       |            | 758.38 |       | P        | 6.9  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 43.33  |       | P        | 7.7  |
| 2 | <input type="checkbox"/> |       |            | 65.55  |       | P        | 10.6 |
| 3 | <input type="checkbox"/> |       |            | 58.89  |       | P        | 23.6 |
| 4 | <input type="checkbox"/> |       |            | 74.44  |       | P        | 40.4 |
| 5 | <input type="checkbox"/> |       |            | 80.00  |       | P        | 7.2  |
| 6 | <input type="checkbox"/> |       |            | 122.22 |       | P        | 8.8  |
| 7 | <input type="checkbox"/> |       |            | 181.11 |       | P        | 4.6  |
| 8 | <input type="checkbox"/> |       |            | 525.57 |       | P        | 10.8 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 33.33  |       | P        | 25.0 |
| 2 | <input type="checkbox"/> |       |            | 47.22  |       | P        | 20.4 |
| 3 | <input type="checkbox"/> |       |            | 33.33  |       | P        | 66.1 |
| 4 | <input type="checkbox"/> |       |            | 69.44  |       | P        | 27.7 |
| 5 | <input type="checkbox"/> |       |            | 80.56  |       | P        | 21.5 |
| 6 | <input type="checkbox"/> |       |            | 105.56 |       | P        | 43.5 |
| 7 | <input type="checkbox"/> |       |            | 136.11 |       | P        | 7.1  |
| 8 | <input type="checkbox"/> |       |            | 144.45 |       | P        | 28.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 23.34 |       | P        | 65.5 |
| 2 | <input type="checkbox"/> |       |            | 24.45 |       | P        | 15.8 |
| 3 | <input type="checkbox"/> |       |            | 25.56 |       | P        | 30.1 |
| 4 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 48.2 |
| 5 | <input type="checkbox"/> |       |            | 31.11 |       | P        | 16.4 |
| 6 | <input type="checkbox"/> |       |            | 47.78 |       | P        | 16.1 |
| 7 | <input type="checkbox"/> |       |            | 52.22 |       | P        | 7.4  |
| 8 | <input type="checkbox"/> |       |            | 75.56 |       | P        | 11.1 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 19.44 |       | P        | 49.5 |
| 2 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 21.6 |
| 3 | <input type="checkbox"/> |       |            | 33.33 |       | P        | 50.0 |
| 4 | <input type="checkbox"/> |       |            | 38.89 |       | P        | 75.3 |
| 5 | <input type="checkbox"/> |       |            | 33.33 |       | P        | 50.0 |
| 6 | <input type="checkbox"/> |       |            | 36.11 |       | P        | 58.1 |
| 7 | <input type="checkbox"/> |       |            | 66.67 |       | P        | 33.1 |
| 8 | <input type="checkbox"/> |       |            | 91.67 |       | P        | 18.2 |

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

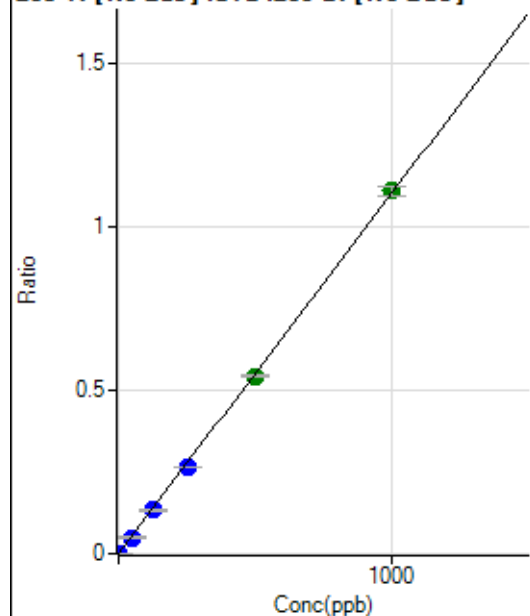
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 3.71  |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            | 14.82 |       | P        | 57.3 |
| 3 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 100. |
| 4 | <input type="checkbox"/> |       |            | 20.37 |       | P        | 56.8 |
| 5 | <input type="checkbox"/> |       |            | 12.97 |       | P        | 49.5 |
| 6 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 52.9 |
| 7 | <input type="checkbox"/> |       |            | 50.00 |       | P        | 19.2 |
| 8 | <input type="checkbox"/> |       |            | 42.59 |       | P        | 30.1 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|----------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 952.83   |       | P        | 2.7  |
| 2 | <input type="checkbox"/> |       |            | 944.51   |       | P        | 8.6  |
| 3 | <input type="checkbox"/> |       |            | 1830.73  |       | P        | 5.5  |
| 4 | <input type="checkbox"/> |       |            | 3008.78  |       | P        | 12.4 |
| 5 | <input type="checkbox"/> |       |            | 4887.15  |       | P        | 7.5  |
| 6 | <input type="checkbox"/> |       |            | 9378.63  |       | P        | 0.9  |
| 7 | <input type="checkbox"/> |       |            | 17840.35 |       | P        | 0.2  |
| 8 | <input type="checkbox"/> |       |            | 975.07   |       | P        | 5.9  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 4330.43  |       | P        | 1.1 |
| 2 | <input type="checkbox"/> |       |            | 4387.85  |       | P        | 1.9 |
| 3 | <input type="checkbox"/> |       |            | 4819.51  |       | P        | 3.0 |
| 4 | <input type="checkbox"/> |       |            | 5377.11  |       | P        | 2.7 |
| 5 | <input type="checkbox"/> |       |            | 6448.00  |       | P        | 3.7 |
| 6 | <input type="checkbox"/> |       |            | 8897.60  |       | P        | 4.6 |
| 7 | <input type="checkbox"/> |       |            | 12841.64 |       | P        | 3.7 |
| 8 | <input type="checkbox"/> |       |            | 4337.83  |       | P        | 3.6 |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 291.68     | 0.0001 | P        | 8.6  |
| 2 | <input type="checkbox"/> | 1.000    | 0.844      | 3436.68    | 0.0010 | P        | 20.1 |
| 3 | <input type="checkbox"/> | 50.000   | 45.289     | 178796.90  | 0.0499 | P        | 5.0  |
| 4 | <input type="checkbox"/> | 125.000  | 120.455    | 464481.95  | 0.1326 | P        | 1.3  |
| 5 | <input type="checkbox"/> | 250.000  | 240.470    | 926348.88  | 0.2647 | P        | 1.5  |
| 6 | <input type="checkbox"/> | 500.000  | 491.888    | 1987235.74 | 0.5413 | A        | 1.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 1007.242   | 3879151.52 | 1.1083 | A        | 2.6  |
| 8 | <input type="checkbox"/> |          |            | 1786.33    | 0.0005 | P        | 20.3 |

$$y = 0.0011 * x + 8.8721E-005$$

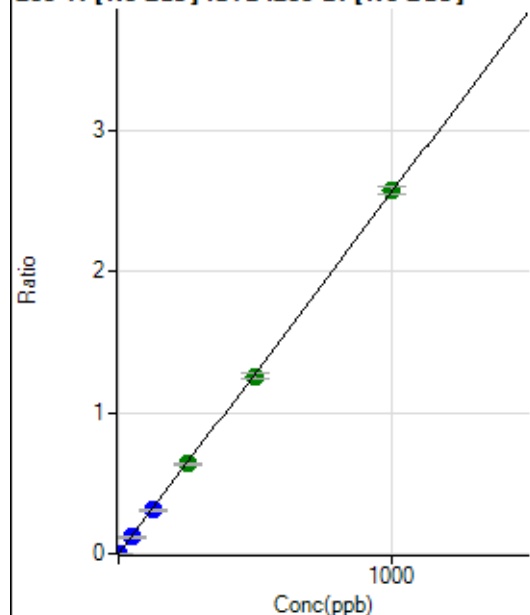
$$R = 0.9999$$

$$DL = 0.0208$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 541.69     | 0.0002 | P        | 7.8  |
| 2 | <input type="checkbox"/> | 1.000    | 0.919      | 8525.33    | 0.0025 | P        | 17.6 |
| 3 | <input type="checkbox"/> | 50.000   | 45.706     | 419732.65  | 0.1173 | P        | 5.2  |
| 4 | <input type="checkbox"/> | 125.000  | 120.892    | 1085245.71 | 0.3099 | P        | 2.1  |
| 5 | <input type="checkbox"/> | 250.000  | 248.635    | 2229833.97 | 0.6371 | A        | 0.9  |
| 6 | <input type="checkbox"/> | 500.000  | 492.396    | 4631303.71 | 1.2615 | A        | 2.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 1004.871   | 9011820.77 | 2.5744 | A        | 2.3  |
| 8 | <input type="checkbox"/> |          |            | 4245.56    | 0.0013 | P        | 23.6 |

$$y = 0.0026 * x + 1.6503E-004$$

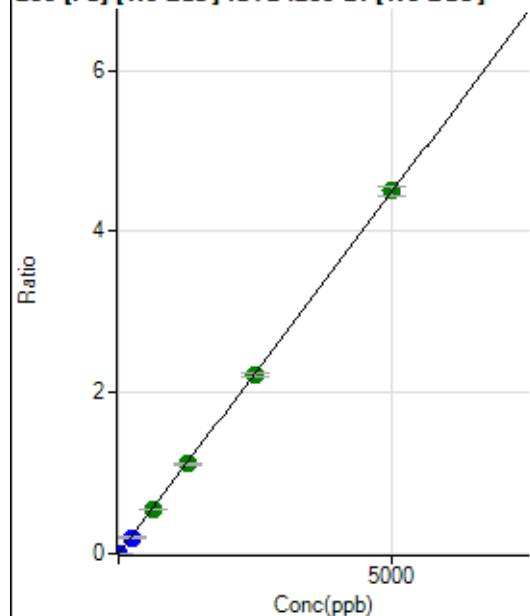
$$R = 0.9999$$

$$DL = 0.01514$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 564.84      | 0.0002 | P        | 5.2  |
| 2 | <input type="checkbox"/> | 1.000    | 0.900      | 3343.10     | 0.0010 | P        | 12.2 |
| 3 | <input type="checkbox"/> | 250.000  | 223.548    | 718534.20   | 0.2007 | P        | 4.6  |
| 4 | <input type="checkbox"/> | 625.000  | 613.496    | 1927941.36  | 0.5505 | A        | 2.4  |
| 5 | <input type="checkbox"/> | 1250.000 | 1241.051   | 3896920.00  | 1.1133 | A        | 0.9  |
| 6 | <input type="checkbox"/> | 2500.000 | 2472.359   | 8141961.52  | 2.2178 | A        | 1.4  |
| 7 | <input type="checkbox"/> | 5000.000 | 5018.818   | 15759581.37 | 4.5018 | A        | 2.4  |
| 8 | <input type="checkbox"/> |          |            | 10065.82    | 0.0030 | P        | 31.0 |

$$y = 8.9696E-004 * x + 1.7211E-004$$

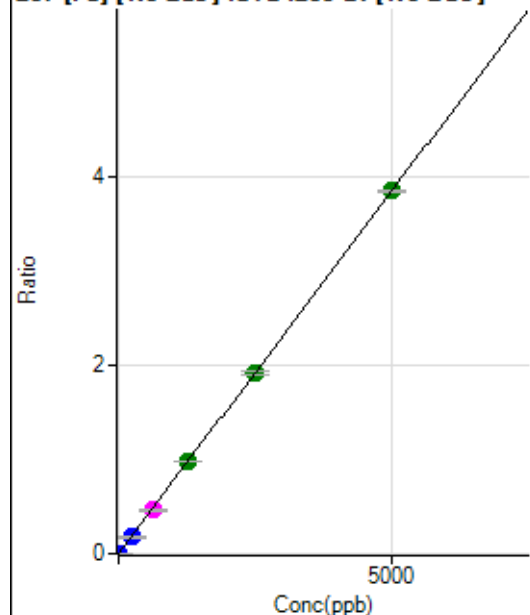
$$R = 1.0000$$

$$DL = 0.02987$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 490.76      | 0.0001 | P        | 4.2  |
| 2 | <input type="checkbox"/> | 1.000    | 0.853      | 2724.40     | 0.0008 | P        | 18.5 |
| 3 | <input type="checkbox"/> | 250.000  | 227.136    | 625051.51   | 0.1746 | P        | 5.5  |
| 4 | <input type="checkbox"/> | 625.000  | 601.938    | 1620109.89  | 0.4625 | M        | 2.6  |
| 5 | <input type="checkbox"/> | 1250.000 | 1268.966   | 3411963.82  | 0.9749 | A        | 1.1  |
| 6 | <input type="checkbox"/> | 2500.000 | 2482.852   | 7002188.64  | 1.9073 | A        | 2.1  |
| 7 | <input type="checkbox"/> | 5000.000 | 5007.858   | 13471375.65 | 3.8468 | A        | 0.6  |
| 8 | <input type="checkbox"/> |          |            | 8722.23     | 0.0026 | P        | 11.9 |

$$y = 7.6811\text{E-}004 * x + 1.4950\text{E-}004$$

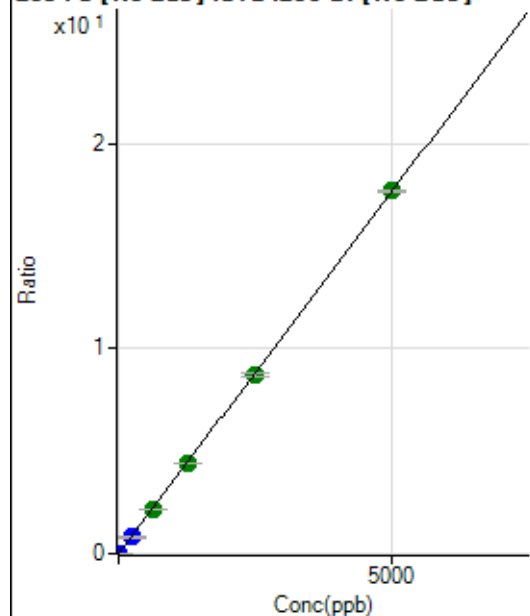
$$R = 1.0000$$

$$DL = 0.02474$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio   | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2401.99     | 0.0007  | P        | 7.6  |
| 2 | <input type="checkbox"/> | 1.000    | 0.878      | 13026.93    | 0.0038  | P        | 12.6 |
| 3 | <input type="checkbox"/> | 250.000  | 227.181    | 2873644.45  | 0.8028  | P        | 5.4  |
| 4 | <input type="checkbox"/> | 625.000  | 614.181    | 7597157.27  | 2.1690  | A        | 0.9  |
| 5 | <input type="checkbox"/> | 1250.000 | 1252.801   | 15482334.81 | 4.4236  | A        | 1.3  |
| 6 | <input type="checkbox"/> | 2500.000 | 2470.333   | 32020219.63 | 8.7219  | A        | 2.2  |
| 7 | <input type="checkbox"/> | 5000.000 | 5016.627   | 62016673.03 | 17.7112 | A        | 0.6  |
| 8 | <input type="checkbox"/> |          |            | 40188.97    | 0.0120  | P        | 17.3 |

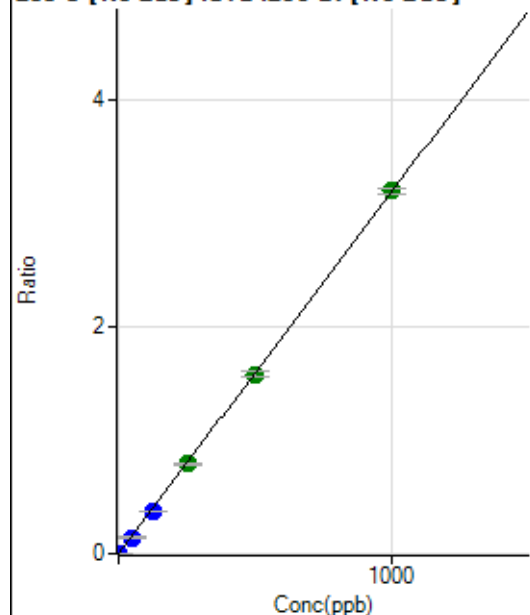
$$y = 0.0035 * x + 7.3158\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.04735$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 33.33       | 0.0000 | P        | 49.3 |
| 2 | <input type="checkbox"/> | 1.000    | 0.915      | 9920.88     | 0.0029 | P        | 17.3 |
| 3 | <input type="checkbox"/> | 50.000   | 44.511     | 508733.66   | 0.1421 | P        | 5.7  |
| 4 | <input type="checkbox"/> | 125.000  | 118.868    | 1329495.61  | 0.3795 | P        | 1.0  |
| 5 | <input type="checkbox"/> | 250.000  | 248.200    | 2773680.42  | 0.7925 | A        | 1.7  |
| 6 | <input type="checkbox"/> | 500.000  | 496.245    | 5816493.36  | 1.5845 | A        | 3.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 1003.369   | 11216205.55 | 3.2037 | A        | 1.7  |
| 8 | <input type="checkbox"/> |          |            | 3970.81     | 0.0012 | P        | 45.1 |

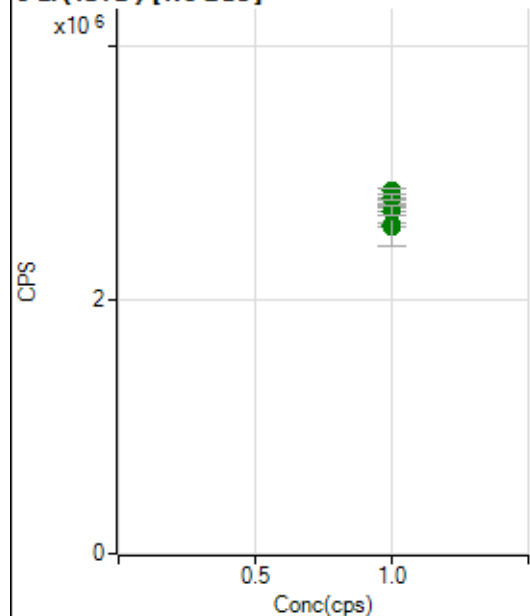
$$y = 0.0032 * x + 1.0100E-005$$

$$R = 1.0000$$

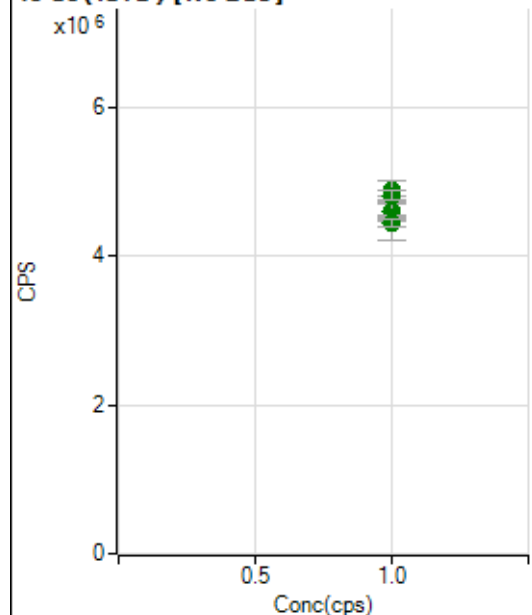
$$DL = 0.004677$$

Weight: &lt;None&gt;

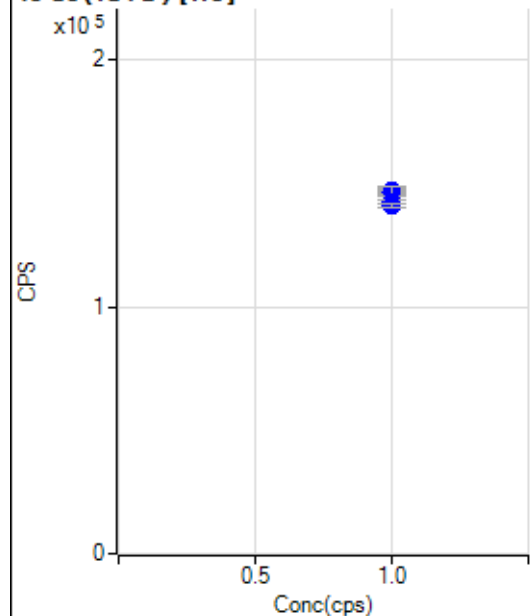
Min Conc: 0

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

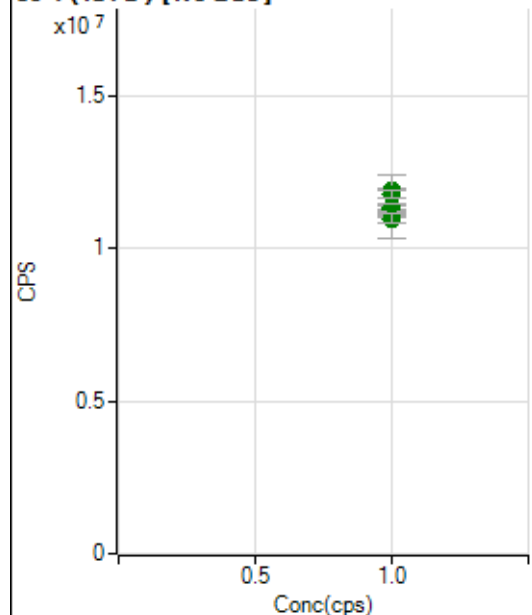
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 2590383.34 |       | A        | 1.1  |
| 2 | <input type="checkbox"/> | 1.000 |            | 2573978.54 |       | A        | 11.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2752042.80 |       | A        | 3.9  |
| 4 | <input type="checkbox"/> | 1.000 |            | 2734577.19 |       | A        | 0.6  |
| 5 | <input type="checkbox"/> | 1.000 |            | 2750602.97 |       | A        | 0.4  |
| 6 | <input type="checkbox"/> | 1.000 |            | 2861479.27 |       | A        | 1.5  |
| 7 | <input type="checkbox"/> | 1.000 |            | 2812146.46 |       | A        | 1.7  |
| 8 | <input type="checkbox"/> | 1.000 |            | 2706584.26 |       | A        | 2.6  |

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

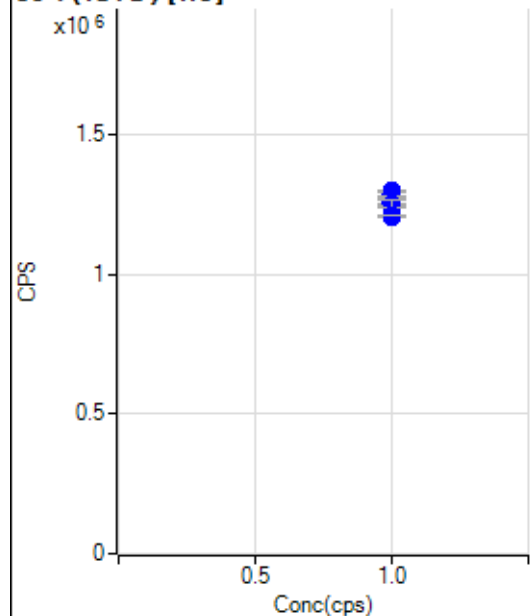
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 4517319.58 |       | A        | 1.5  |
| 2 | <input type="checkbox"/> | 1.000 |            | 4506676.60 |       | A        | 13.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4880439.72 |       | A        | 5.7  |
| 4 | <input type="checkbox"/> | 1.000 |            | 4608222.43 |       | A        | 3.8  |
| 5 | <input type="checkbox"/> | 1.000 |            | 4529300.56 |       | A        | 0.2  |
| 6 | <input type="checkbox"/> | 1.000 |            | 4821760.62 |       | A        | 2.3  |
| 7 | <input type="checkbox"/> | 1.000 |            | 4536650.11 |       | A        | 0.7  |
| 8 | <input type="checkbox"/> | 1.000 |            | 4451562.33 |       | A        | 2.1  |

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

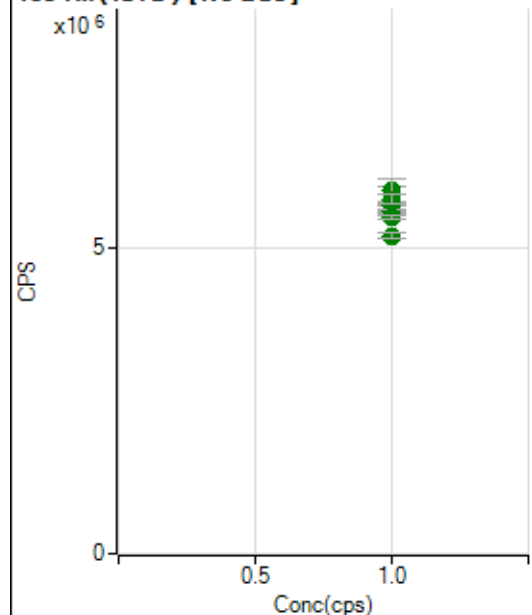
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 146151.83 |       | P        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 146767.84 |       | P        | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 147084.21 |       | P        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 146131.02 |       | P        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 146242.30 |       | P        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 146937.38 |       | P        | 2.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 142936.12 |       | P        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 141166.54 |       | P        | 1.1 |

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

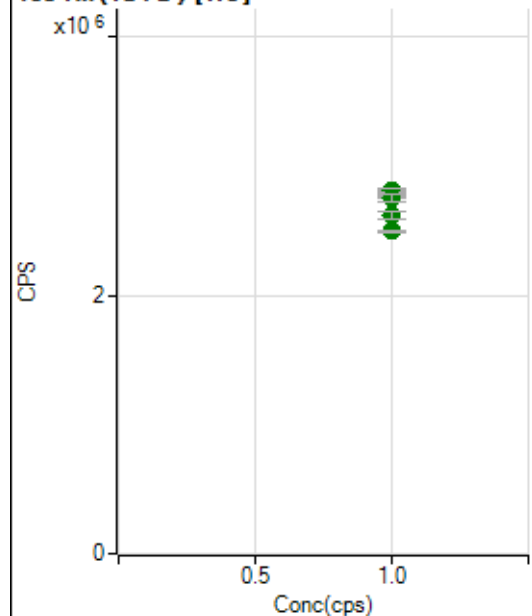
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 11086911.64 |       | A        | 0.2  |
| 2 | <input type="checkbox"/> | 1.000 |            | 11127623.44 |       | A        | 14.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 11886697.32 |       | A        | 8.6  |
| 4 | <input type="checkbox"/> | 1.000 |            | 11371143.44 |       | A        | 1.8  |
| 5 | <input type="checkbox"/> | 1.000 |            | 11305218.30 |       | A        | 2.3  |
| 6 | <input type="checkbox"/> | 1.000 |            | 11781392.19 |       | A        | 2.1  |
| 7 | <input type="checkbox"/> | 1.000 |            | 11143768.86 |       | A        | 1.6  |
| 8 | <input type="checkbox"/> | 1.000 |            | 10992757.89 |       | A        | 2.8  |

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

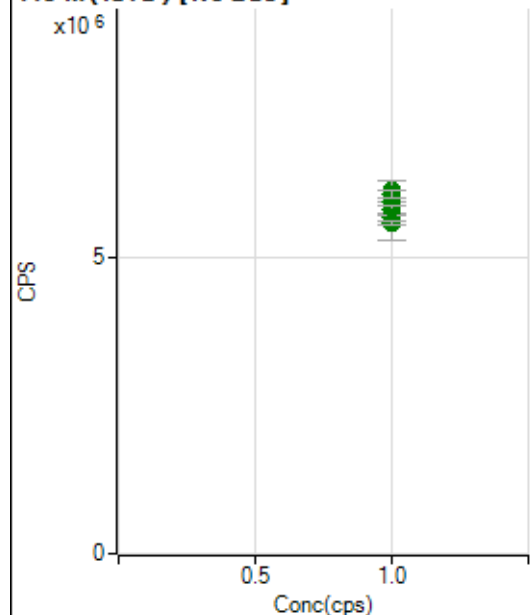
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1263469.26 |       | P        | 1.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1299976.56 |       | P        | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1286290.79 |       | P        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1279451.77 |       | P        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1249278.65 |       | P        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1252466.10 |       | P        | 2.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1207664.76 |       | P        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1211761.46 |       | P        | 0.3 |

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

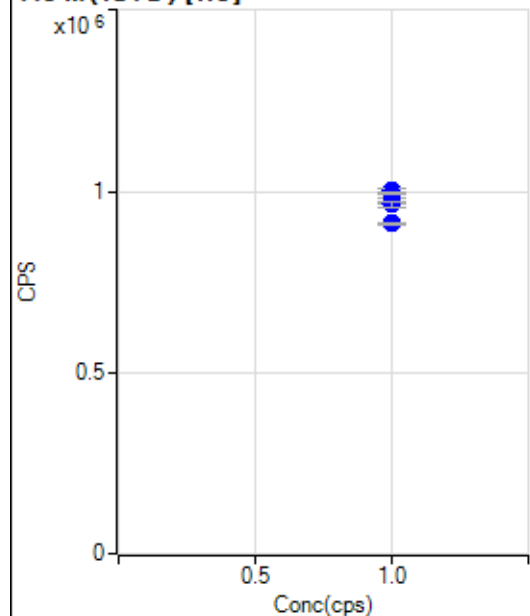
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 5562033.33 |       | A        | 0.7  |
| 2 | <input type="checkbox"/> | 1.000 |            | 5574522.13 |       | A        | 15.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 5916215.02 |       | A        | 6.7  |
| 4 | <input type="checkbox"/> | 1.000 |            | 5703300.91 |       | A        | 1.2  |
| 5 | <input type="checkbox"/> | 1.000 |            | 5673776.21 |       | A        | 2.5  |
| 6 | <input type="checkbox"/> | 1.000 |            | 5777982.60 |       | A        | 2.7  |
| 7 | <input type="checkbox"/> | 1.000 |            | 5477937.97 |       | A        | 1.2  |
| 8 | <input type="checkbox"/> | 1.000 |            | 5175873.81 |       | A        | 1.8  |

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

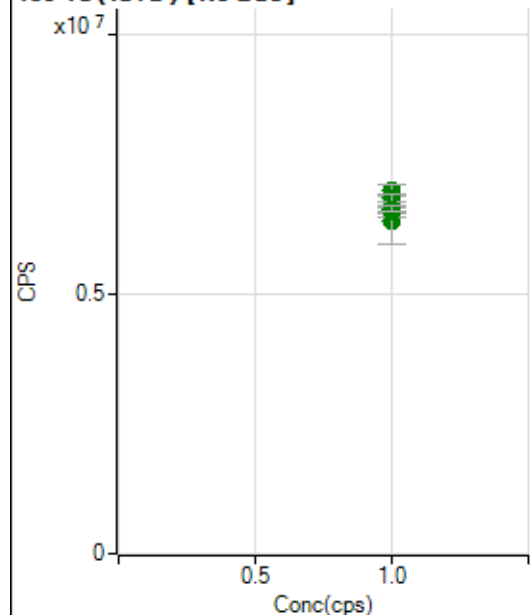
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2791598.19 |       | A        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2796709.02 |       | A        | 0.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2783838.60 |       | A        | 2.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2781236.56 |       | A        | 1.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2806113.88 |       | A        | 1.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2749276.45 |       | A        | 1.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2617748.67 |       | A        | 2.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2491681.82 |       | A        | 0.4 |

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

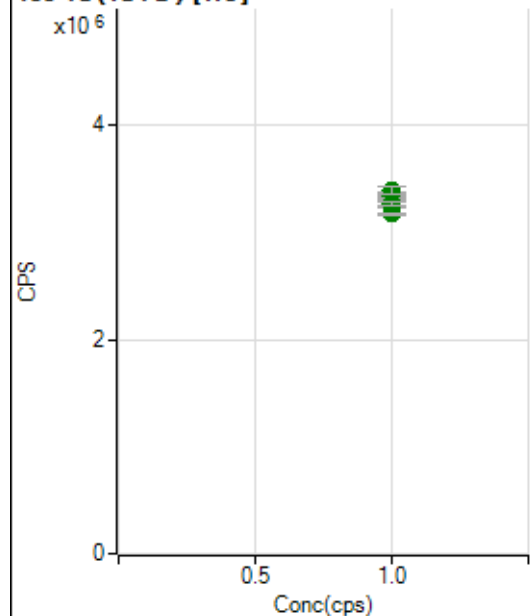
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 5739724.84 |       | A        | 0.3  |
| 2 | <input type="checkbox"/> | 1.000 |            | 5730291.30 |       | A        | 14.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6141057.45 |       | A        | 5.8  |
| 4 | <input type="checkbox"/> | 1.000 |            | 5954366.78 |       | A        | 1.8  |
| 5 | <input type="checkbox"/> | 1.000 |            | 5811534.02 |       | A        | 2.5  |
| 6 | <input type="checkbox"/> | 1.000 |            | 6073653.15 |       | A        | 2.2  |
| 7 | <input type="checkbox"/> | 1.000 |            | 5684837.48 |       | A        | 1.9  |
| 8 | <input type="checkbox"/> | 1.000 |            | 5603299.29 |       | A        | 1.4  |

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

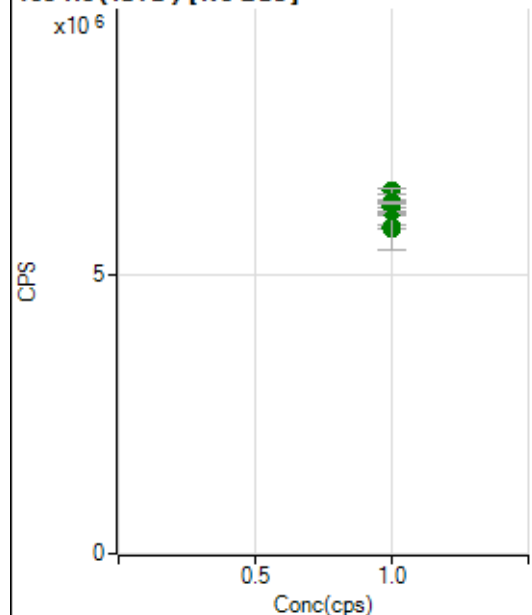
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 989515.13  |       | P        | 1.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 997908.24  |       | P        | 0.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1000928.45 |       | P        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 994574.26  |       | P        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 966101.25  |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 964105.56  |       | P        | 1.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 909893.92  |       | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 910691.85  |       | P        | 0.4 |

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

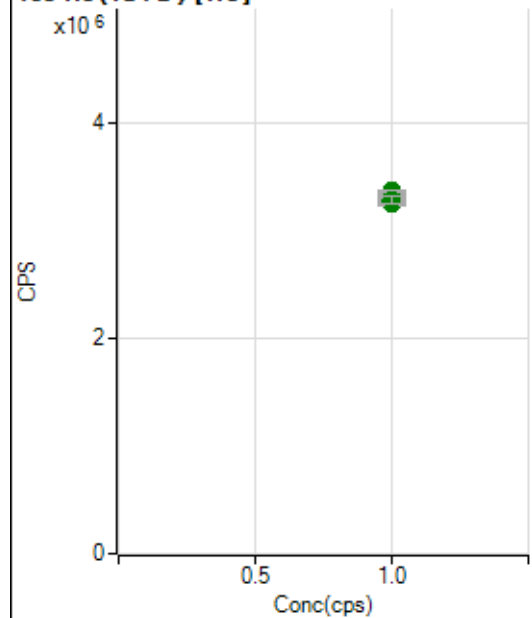
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 6471187.26 |       | A        | 0.1  |
| 2 | <input type="checkbox"/> | 1.000 |            | 6414728.79 |       | A        | 14.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6700834.97 |       | A        | 6.4  |
| 4 | <input type="checkbox"/> | 1.000 |            | 6607531.29 |       | A        | 2.1  |
| 5 | <input type="checkbox"/> | 1.000 |            | 6716948.72 |       | A        | 1.7  |
| 6 | <input type="checkbox"/> | 1.000 |            | 6984547.53 |       | A        | 3.1  |
| 7 | <input type="checkbox"/> | 1.000 |            | 6842727.54 |       | A        | 2.4  |
| 8 | <input type="checkbox"/> | 1.000 |            | 6639214.83 |       | A        | 1.8  |

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

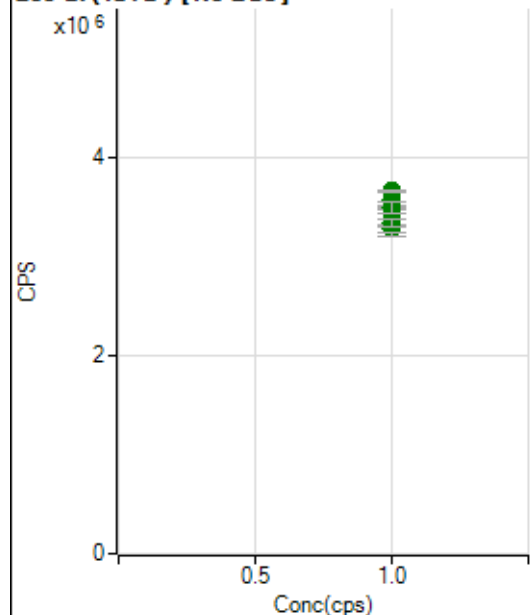
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3260038.84 |       | A        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3311572.76 |       | A        | 1.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3281389.71 |       | A        | 2.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3350551.72 |       | A        | 1.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3335514.88 |       | A        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3384463.59 |       | A        | 2.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3168485.86 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3266261.65 |       | A        | 1.2 |

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

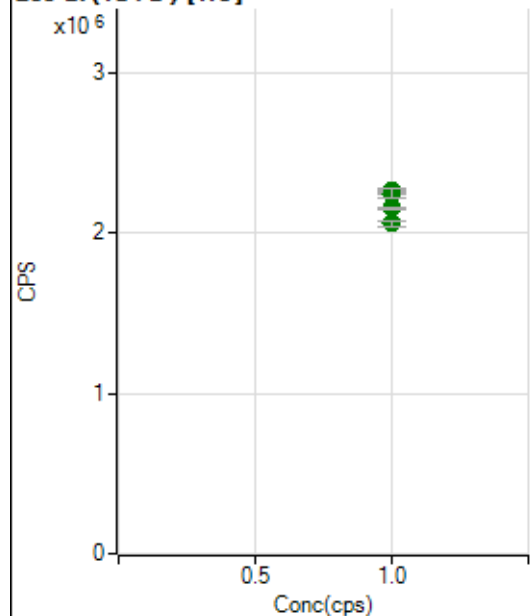
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 5869549.18 |       | A        | 1.3  |
| 2 | <input type="checkbox"/> | 1.000 |            | 5849652.60 |       | A        | 13.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6262693.93 |       | A        | 6.1  |
| 4 | <input type="checkbox"/> | 1.000 |            | 6158188.38 |       | A        | 1.2  |
| 5 | <input type="checkbox"/> | 1.000 |            | 6219970.36 |       | A        | 1.9  |
| 6 | <input type="checkbox"/> | 1.000 |            | 6512034.30 |       | A        | 1.4  |
| 7 | <input type="checkbox"/> | 1.000 |            | 6314039.07 |       | A        | 1.5  |
| 8 | <input type="checkbox"/> | 1.000 |            | 6289059.73 |       | A        | 0.6  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3255959.61 |       | A        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3323005.44 |       | A        | 1.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3330701.96 |       | A        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3361734.26 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3351580.99 |       | A        | 0.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3370409.81 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3267190.40 |       | A        | 1.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3290624.74 |       | A        | 2.2 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 3284478.32 |       | A        | 2.5  |
| 2 | <input type="checkbox"/> | 1.000 |            | 3438600.61 |       | A        | 13.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3585595.50 |       | A        | 4.7  |
| 4 | <input type="checkbox"/> | 1.000 |            | 3502726.48 |       | A        | 0.6  |
| 5 | <input type="checkbox"/> | 1.000 |            | 3500185.64 |       | A        | 1.0  |
| 6 | <input type="checkbox"/> | 1.000 |            | 3671455.08 |       | A        | 0.7  |
| 7 | <input type="checkbox"/> | 1.000 |            | 3501944.67 |       | A        | 3.0  |
| 8 | <input type="checkbox"/> | 1.000 |            | 3345047.03 |       | A        | 2.6  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2259521.15 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2260875.45 |       | A        | 1.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2239695.85 |       | A        | 1.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2254865.03 |       | A        | 1.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2250736.64 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2246560.77 |       | A        | 2.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2152002.69 |       | A        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2057050.72 |       | A        | 1.7 |