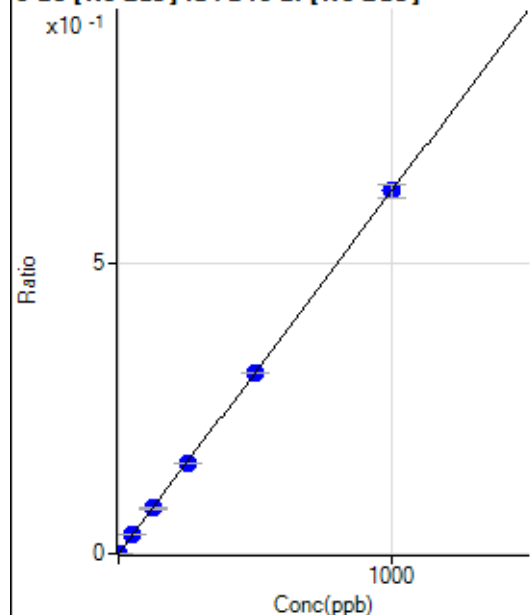


Batch Folder: C:\Agilent\ICPMH\1\DATA\DWP7072721MS.b\  
Analysis File: DWP7072721MS.batch.bin  
DA Date-Time: 2021-07-27 13:15:35  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 003CALB.d          | S00         | 2021-07-27 11:07:59 |
| 2     | 004CALS.d          | S02         | 2021-07-27 11:10:41 |
| 3     | 005CALS.d          | S03         | 2021-07-27 11:13:24 |
| 4     | 006CALS.d          | S04         | 2021-07-27 11:16:08 |
| 5     | 008CALS.d          | S05         | 2021-07-27 11:21:34 |
| 6     | 009CALS.d          | S06         | 2021-07-27 11:24:17 |
| 7     | 010CALS.d          | S07         | 2021-07-27 11:27:00 |
| 8     | 011CALS.d          | S08         | 2021-07-27 11:29:44 |

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 50.00      | 0.0000 | P    | 28.1 |
| 2 | <input type="checkbox"/> | 1.000    | 1.050      | 1955.71    | 0.0007 | P    | 4.6  |
| 3 | <input type="checkbox"/> | 50.000   | 51.560     | 91342.48   | 0.0322 | P    | 1.8  |
| 4 | <input type="checkbox"/> | 125.000  | 125.016    | 218260.23  | 0.0781 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 250.000  | 249.190    | 394298.15  | 0.1557 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 500.000  | 498.858    | 749534.78  | 0.3116 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.694   | 1437360.82 | 0.6250 | P    | 3.7  |
| 8 | <input type="checkbox"/> |          |            | 272.23     | 0.0001 | P    | 15.1 |

$$y = 6.2460\text{E-}004 * x + 1.7394\text{E-}005$$

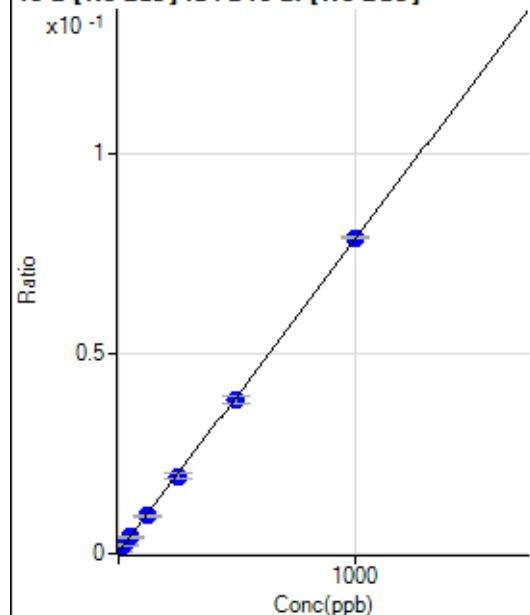
$$R = 1.0000$$

$$DL = 0.02352$$

$$BEC = 0.02785$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 805.60    | 0.0003 | P    | 1.0  |
| 2 | <input type="checkbox"/> | 25.000   | 24.178     | 6301.48   | 0.0022 | P    | 3.8  |
| 3 | <input type="checkbox"/> | 50.000   | 48.752     | 11601.91  | 0.0041 | P    | 4.1  |
| 4 | <input type="checkbox"/> | 125.000  | 117.982    | 26548.72  | 0.0095 | P    | 3.3  |
| 5 | <input type="checkbox"/> | 250.000  | 245.214    | 49230.55  | 0.0194 | P    | 7.2  |
| 6 | <input type="checkbox"/> | 500.000  | 490.258    | 92824.89  | 0.0386 | P    | 4.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 1007.028   | 181753.65 | 0.0790 | P    | 0.8  |
| 8 | <input type="checkbox"/> |          |            | 9625.54   | 0.0043 | P    | 10.0 |

$$y = 7.8145\text{E-}005 * x + 2.8082\text{E-}004$$

$$R = 0.9999$$

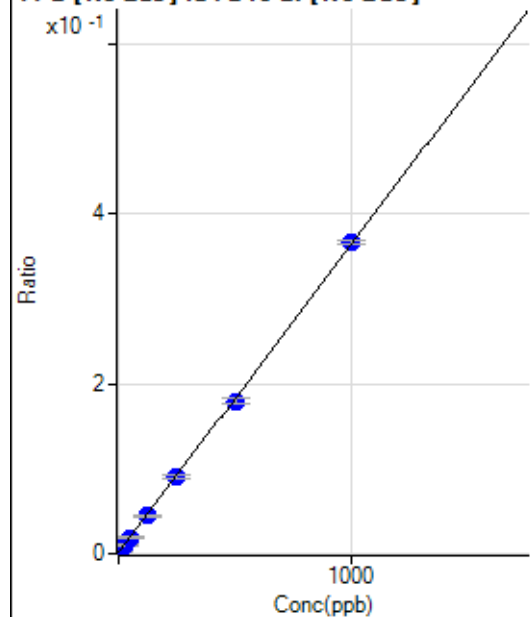
$$DL = 0.1069$$

$$BEC = 3.594$$

Weight: &lt;None&gt;

Min Conc: 0

11 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      | 3683.87   | 0.0013 | P   | 5.2  |
| 2 | <input type="checkbox"/> | 25.000   | 24.020     | 29073.05  | 0.0100 | P   | 5.6  |
| 3 | <input type="checkbox"/> | 50.000   | 48.871     | 54019.07  | 0.0190 | P   | 3.9  |
| 4 | <input type="checkbox"/> | 125.000  | 119.025    | 124467.39 | 0.0445 | P   | 5.0  |
| 5 | <input type="checkbox"/> | 250.000  | 246.514    | 230111.46 | 0.0909 | P   | 6.6  |
| 6 | <input type="checkbox"/> | 500.000  | 489.702    | 431167.19 | 0.1793 | P   | 3.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 1006.848   | 845117.10 | 0.3672 | P   | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 44513.67  | 0.0197 | P   | 10.2 |

$$y = 3.6343\text{E-}004 * x + 0.0013$$

$$R = 0.9999$$

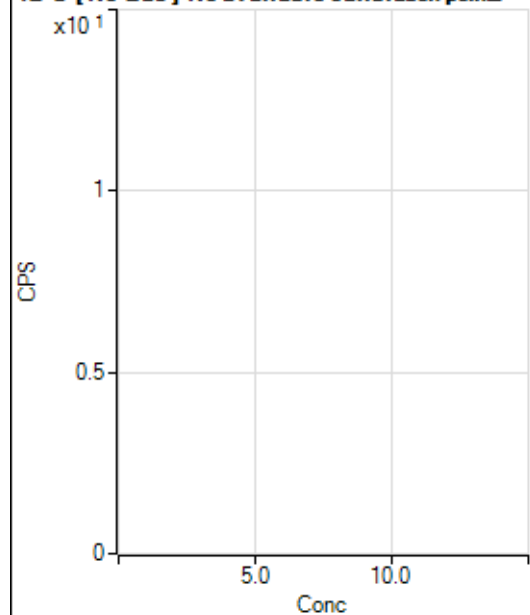
$$DL = 0.552$$

$$BEC = 3.534$$

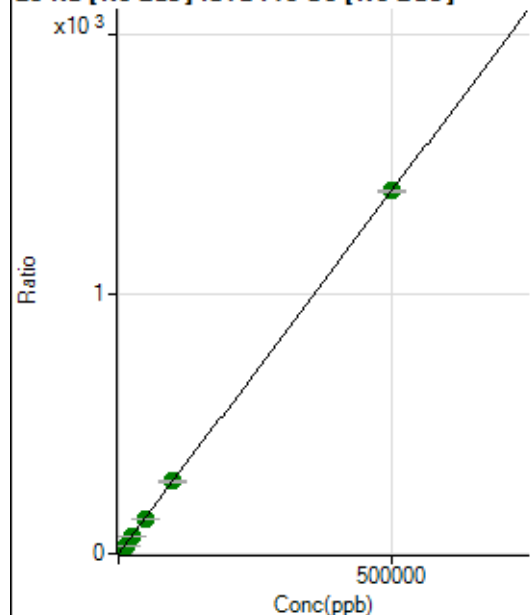
Weight: &lt;None&gt;

Min Conc: 0

12 C [No Gas] No available calibration points



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS | Ratio | Det | RSD |
|---|--------------------------|-------|------------|-----|-------|-----|-----|
| 1 | <input type="checkbox"/> |       |            |     |       |     |     |
| 2 | <input type="checkbox"/> |       |            |     |       |     |     |
| 3 | <input type="checkbox"/> |       |            |     |       |     |     |
| 4 | <input type="checkbox"/> |       |            |     |       |     |     |
| 5 | <input type="checkbox"/> |       |            |     |       |     |     |
| 6 | <input type="checkbox"/> |       |            |     |       |     |     |
| 7 | <input type="checkbox"/> |       |            |     |       |     |     |
| 8 | <input type="checkbox"/> |       |            |     |       |     |     |

**23 Na [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      | 216226.46    | 0.0439    | P   | 0.5 |
| 2 | <input type="checkbox"/> | 500.000   | 498.151    | 7115830.47   | 1.4375    | A   | 0.7 |
| 3 | <input type="checkbox"/> | 5000.000  | 4968.661   | 66223326.83  | 13.9431   | A   | 5.1 |
| 4 | <input type="checkbox"/> | 12500.000 | 11755.444  | 157063990.12 | 32.9283   | A   | 1.1 |
| 5 | <input type="checkbox"/> | 25000.000 | 23792.879  | 288222609.12 | 66.6014   | A   | 1.1 |
| 6 | <input type="checkbox"/> | 50000.000 | 48414.020  | 557670544.23 | 135.4758  | A   | 0.1 |
| 7 | <input type="checkbox"/> | 100000.00 | 100039.50  | 1107234782.4 | 279.8913  | A   | 3.4 |
| 8 | <input type="checkbox"/> | 500000.00 | 500229.98  | 5574513463.7 | 1,399.371 | A   | 0.8 |

$$y = 0.0028 * x + 0.0439$$

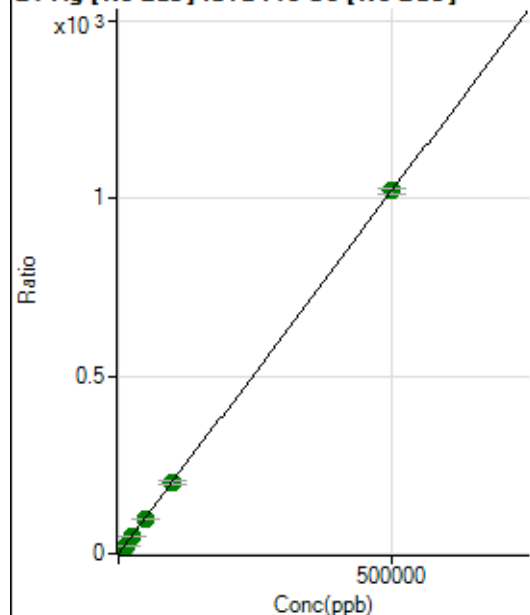
$$R = 1.0000$$

$$DL = 0.2488$$

$$BEC = 15.71$$

Weight: &lt;None&gt;

Min Conc: 0

**24 Mg [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      | 6958.76      | 0.0014    | P   | 6.9 |
| 2 | <input type="checkbox"/> | 500.000   | 473.699    | 4790591.62   | 0.9678    | A   | 0.8 |
| 3 | <input type="checkbox"/> | 5000.000  | 4881.049   | 47301619.12  | 9.9587    | A   | 5.0 |
| 4 | <input type="checkbox"/> | 12500.000 | 11664.082  | 113502624.46 | 23.7959   | A   | 1.3 |
| 5 | <input type="checkbox"/> | 25000.000 | 23729.828  | 209491851.14 | 48.4098   | A   | 1.3 |
| 6 | <input type="checkbox"/> | 50000.000 | 48069.568  | 403661517.30 | 98.0623   | A   | 0.4 |
| 7 | <input type="checkbox"/> | 100000.00 | 98820.140  | 797360505.75 | 201.5924  | A   | 4.0 |
| 8 | <input type="checkbox"/> | 500000.00 | 500514.63  | 4067593903.9 | 1,021.040 | A   | 1.3 |

$$y = 0.0020 * x + 0.0014$$

$$R = 1.0000$$

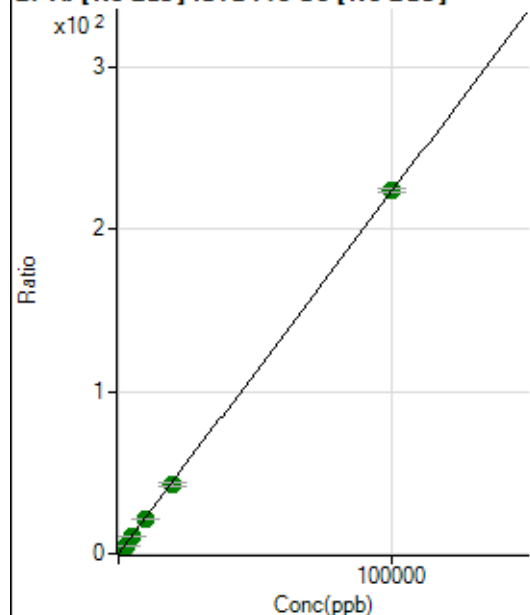
$$DL = 0.1442$$

$$BEC = 0.6933$$

Weight: &lt;None&gt;

Min Conc: 0

27 Al [No Gas] ISTD : 45 Sc [No Gas]



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS          | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|--------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 9539.49      | 0.0019   | P    | 2.1 |
| 2 | <input type="checkbox"/> | 20.000    | 21.047     | 241976.79    | 0.0489   | P    | 0.4 |
| 3 | <input type="checkbox"/> | 1000.000  | 965.353    | 10235923.58  | 2.1551   | A    | 5.0 |
| 4 | <input type="checkbox"/> | 2500.000  | 2297.472   | 24452160.88  | 5.1262   | A    | 0.5 |
| 5 | <input type="checkbox"/> | 5000.000  | 4675.624   | 45139556.30  | 10.4304  | A    | 0.4 |
| 6 | <input type="checkbox"/> | 10000.000 | 9435.493   | 86636840.46  | 21.0469  | A    | 0.3 |
| 7 | <input type="checkbox"/> | 20000.000 | 19258.882  | 169889957.30 | 42.9569  | A    | 4.4 |
| 8 | <input type="checkbox"/> | 100000.00 | 100226.30  | 890546181.48 | 223.5466 | A    | 1.2 |

$$y = 0.0022 * x + 0.0019$$

$$R = 1.0000$$

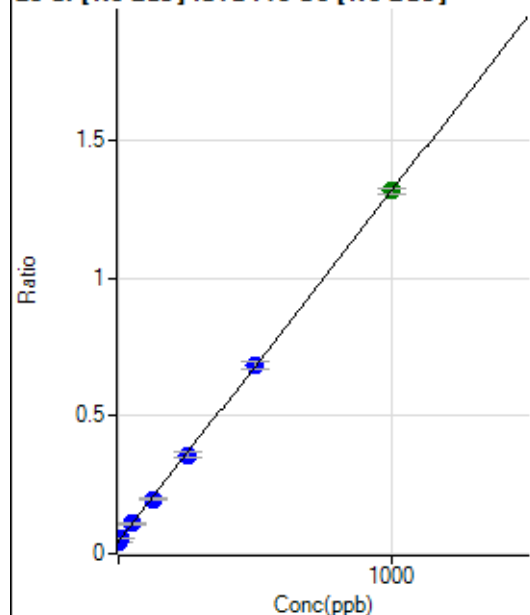
$$DL = 0.0539$$

$$BEC = 0.8692$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 220646.30  | 0.0448 | P    | 0.5 |
| 2 | <input type="checkbox"/> | 10.000   | 8.083      | 272795.24  | 0.0551 | P    | 0.1 |
| 3 | <input type="checkbox"/> | 50.000   | 50.131     | 515870.92  | 0.1085 | P    | 2.3 |
| 4 | <input type="checkbox"/> | 125.000  | 119.505    | 937886.75  | 0.1966 | P    | 3.7 |
| 5 | <input type="checkbox"/> | 250.000  | 246.845    | 1550723.30 | 0.3584 | P    | 4.4 |
| 6 | <input type="checkbox"/> | 500.000  | 502.813    | 2813707.42 | 0.6836 | P    | 4.1 |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.081   | 5206923.82 | 1.3152 | A    | 1.8 |
| 8 | <input type="checkbox"/> |          |            | 449159.79  | 0.1127 | P    | 4.9 |

$$y = 0.0013 * x + 0.0448$$

$$R = 1.0000$$

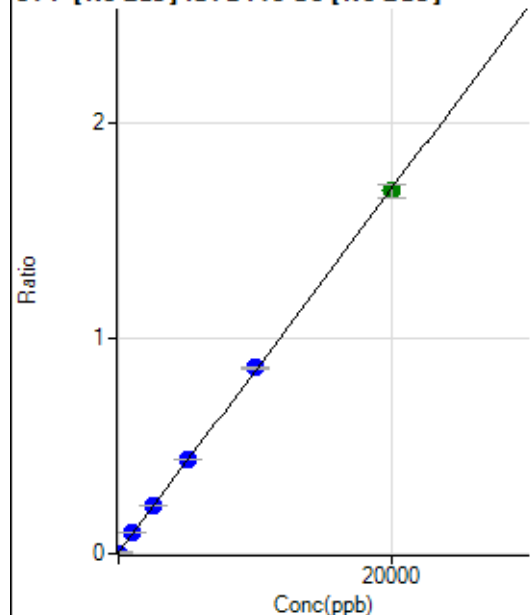
$$DL = 0.4892$$

$$BEC = 35.3$$

Weight: &lt;None&gt;

Min Conc: 0

31 P [No Gas] ISTD:45 Sc [No Gas]



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | -0.604     | 21320.37   | 0.0043 | P   | 1.3 |
| 2 | <input type="checkbox"/> | 0.000     | 0.604      | 21955.14   | 0.0044 | P   | 3.0 |
| 3 | <input type="checkbox"/> | 1000.000  | 1090.694   | 458654.31  | 0.0966 | P   | 4.9 |
| 4 | <input type="checkbox"/> | 2500.000  | 2561.392   | 1053478.24 | 0.2209 | P   | 0.3 |
| 5 | <input type="checkbox"/> | 5000.000  | 5087.122   | 1879578.68 | 0.4343 | P   | 0.3 |
| 6 | <input type="checkbox"/> | 10000.000 | 10152.616  | 3549986.43 | 0.8624 | P   | 0.1 |
| 7 | <input type="checkbox"/> | 20000.000 | 19889.703  | 6666218.28 | 1.6853 | A   | 3.8 |
| 8 | <input type="checkbox"/> |           |            | 22637.00   | 0.0057 | P   | 3.5 |

$$y = 8.4512\text{E-}005 * x + 0.0044$$

$$R = 0.9999$$

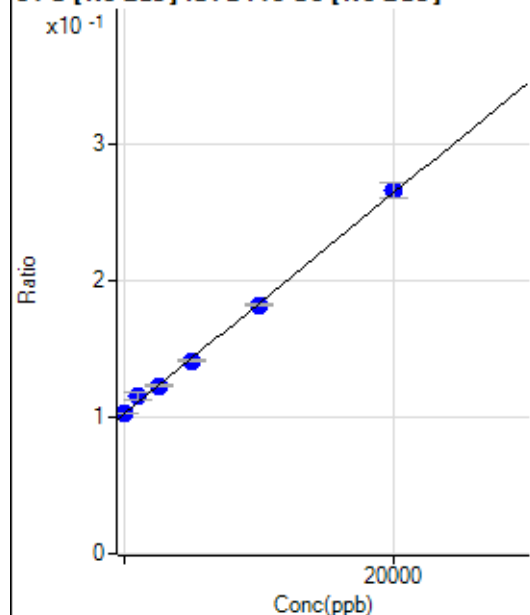
$$DL = 3.387$$

$$BEC = 51.87$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 27.789     | 507472.49  | 0.1031 | P   | 0.2 |
| 2 | <input type="checkbox"/> | 0.000     | -27.789    | 508290.51  | 0.1027 | P   | 0.2 |
| 3 | <input type="checkbox"/> | 1000.000  | 1512.288   | 546733.31  | 0.1151 | P   | 5.1 |
| 4 | <input type="checkbox"/> | 2500.000  | 2503.299   | 587233.83  | 0.1231 | P   | 1.0 |
| 5 | <input type="checkbox"/> | 5000.000  | 4726.442   | 610451.10  | 0.1411 | P   | 0.7 |
| 6 | <input type="checkbox"/> | 10000.000 | 9779.899   | 748582.61  | 0.1819 | P   | 0.8 |
| 7 | <input type="checkbox"/> | 20000.000 | 20152.413  | 1050390.64 | 0.2656 | P   | 4.3 |
| 8 | <input type="checkbox"/> |           |            | 410958.03  | 0.1032 | P   | 1.7 |

$$y = 8.0727\text{E-}006 * x + 0.1029$$

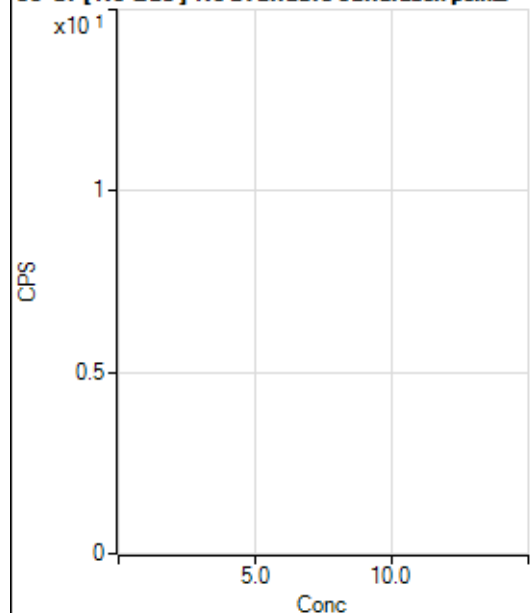
$$R = 0.9994$$

$$DL = 75.3$$

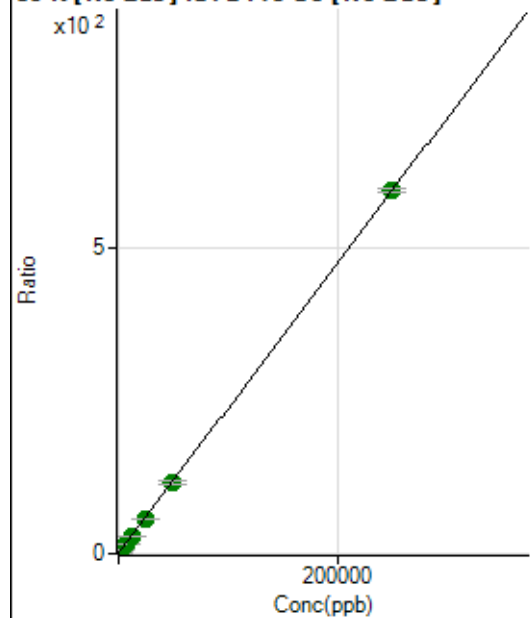
$$BEC = 1.275\text{E}+04$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            |     |       |          |     |
| 2 | <input type="checkbox"/> |       |            |     |       |          |     |
| 3 | <input type="checkbox"/> |       |            |     |       |          |     |
| 4 | <input type="checkbox"/> |       |            |     |       |          |     |
| 5 | <input type="checkbox"/> |       |            |     |       |          |     |
| 6 | <input type="checkbox"/> |       |            |     |       |          |     |
| 7 | <input type="checkbox"/> |       |            |     |       |          |     |
| 8 | <input type="checkbox"/> |       |            |     |       |          |     |

**39 K [ No Gas ] ISTD : 45 Sc [ No Gas ]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS          | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|--------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 3296223.40   | 0.6699   | P        | 0.8 |
| 2 | <input type="checkbox"/> | 500.000   | 466.030    | 8777129.95   | 1.7731   | A        | 0.5 |
| 3 | <input type="checkbox"/> | 2500.000  | 2447.457   | 30703386.27  | 6.4635   | A        | 4.6 |
| 4 | <input type="checkbox"/> | 6250.000  | 5773.532   | 68387477.57  | 14.3370  | A        | 0.7 |
| 5 | <input type="checkbox"/> | 12500.000 | 11756.702  | 123338612.60 | 28.5004  | A        | 0.7 |
| 6 | <input type="checkbox"/> | 25000.000 | 23915.586  | 235798984.01 | 57.2830  | A        | 0.3 |
| 7 | <input type="checkbox"/> | 50000.000 | 48999.891  | 461459856.94 | 116.6628 | A        | 3.8 |
| 8 | <input type="checkbox"/> | 250000.00 | 250358.13  | 2363605335.4 | 593.3194 | A        | 1.1 |

$$y = 0.0024 * x + 0.6699$$

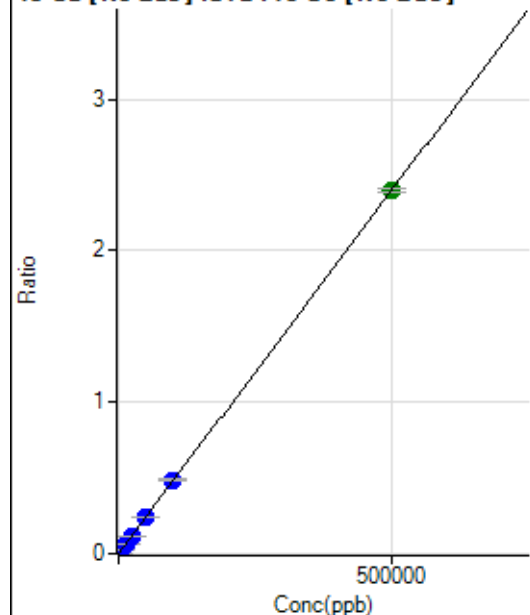
$$R = 1.0000$$

$$DL = 6.491$$

$$BEC = 283$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 147.23     | 0.0000 | P    | 29.0 |
| 2 | <input type="checkbox"/> | 500.000   | 524.275    | 12583.41   | 0.0025 | P    | 2.2  |
| 3 | <input type="checkbox"/> | 5000.000  | 5275.731   | 120198.01  | 0.0253 | P    | 5.0  |
| 4 | <input type="checkbox"/> | 12500.000 | 12398.302  | 283492.19  | 0.0594 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 25000.000 | 25003.555  | 518572.64  | 0.1198 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 50000.000 | 50232.986  | 990825.33  | 0.2407 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 100000.00 | 101407.66  | 1921806.81 | 0.4859 | P    | 4.1  |
| 8 | <input type="checkbox"/> | 500000.00 | 499694.75  | 9537412.63 | 2.3941 | A    | 1.0  |

$$y = 4.7911\text{E-}006 * x + 2.9946\text{E-}005$$

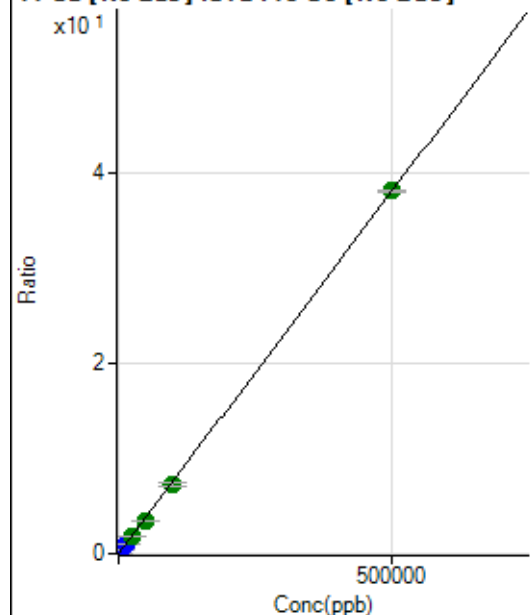
$$R = 1.0000$$

$$DL = 5.429$$

$$BEC = 6.25$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS          | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|--------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 6901.80      | 0.0014  | P    | 3.4 |
| 2 | <input type="checkbox"/> | 500.000   | 524.461    | 204285.98    | 0.0413  | P    | 1.3 |
| 3 | <input type="checkbox"/> | 5000.000  | 5231.159   | 1895189.32   | 0.3990  | P    | 5.2 |
| 4 | <input type="checkbox"/> | 12500.000 | 12382.635  | 4496391.64   | 0.9426  | P    | 0.4 |
| 5 | <input type="checkbox"/> | 25000.000 | 22755.848  | 7492069.44   | 1.7311  | A    | 0.5 |
| 6 | <input type="checkbox"/> | 50000.000 | 46391.270  | 14521311.44  | 3.5277  | A    | 0.3 |
| 7 | <input type="checkbox"/> | 100000.00 | 95581.389  | 28746681.89  | 7.2667  | A    | 3.4 |
| 8 | <input type="checkbox"/> | 500000.00 | 501357.40  | 151809472.84 | 38.1106 | A    | 0.5 |

$$y = 7.6012\text{E-}005 * x + 0.0014$$

$$R = 0.9999$$

$$DL = 1.894$$

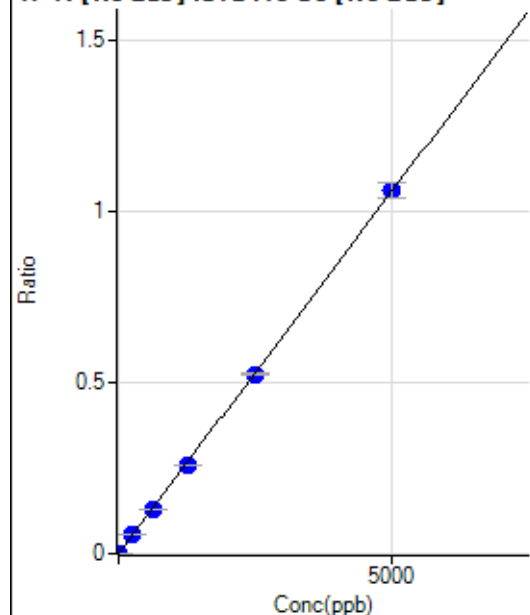
$$BEC = 18.45$$

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      | 66.67      | 0.0000 | P   | 33.0 |
| 2 | <input type="checkbox"/> | 5.000    | 5.271      | 5578.97    | 0.0011 | P   | 0.9  |
| 3 | <input type="checkbox"/> | 250.000  | 260.623    | 261627.64  | 0.0551 | P   | 4.1  |
| 4 | <input type="checkbox"/> | 625.000  | 615.348    | 620098.37  | 0.1300 | P   | 0.6  |
| 5 | <input type="checkbox"/> | 1250.000 | 1227.183   | 1121930.13 | 0.2592 | P   | 0.4  |
| 6 | <input type="checkbox"/> | 2500.000 | 2483.523   | 2159593.45 | 0.5246 | P   | 0.2  |
| 7 | <input type="checkbox"/> | 5000.000 | 5014.618   | 4189755.69 | 1.0593 | P   | 4.1  |
| 8 | <input type="checkbox"/> |          |            | 772.27     | 0.0002 | P   | 15.5 |

$$y = 2.1124\text{E-}004 * x + 1.3549\text{E-}005$$

$$R = 1.0000$$

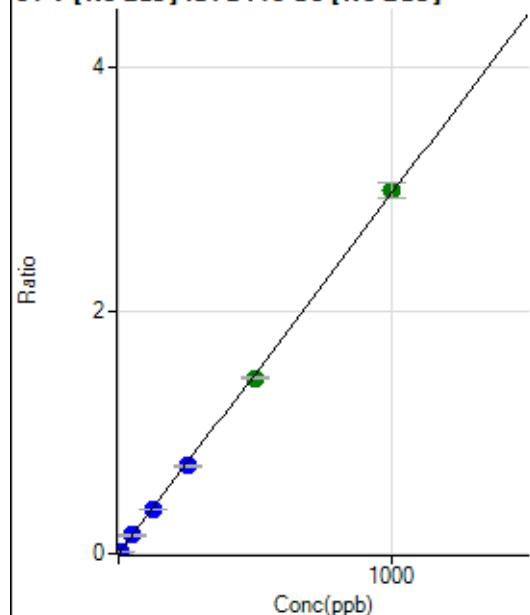
$$DL = 0.06357$$

$$BEC = 0.06414$$

Weight: &lt;None&gt;

Min Conc: 0

51 V [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      | 66.73       | 0.0000 | P   | 23.2 |
| 2 | <input type="checkbox"/> | 5.000    | 5.357      | 78607.60    | 0.0159 | P   | 1.2  |
| 3 | <input type="checkbox"/> | 50.000   | 51.801     | 728840.51   | 0.1534 | P   | 5.0  |
| 4 | <input type="checkbox"/> | 125.000  | 121.963    | 1723276.06  | 0.3613 | P   | 0.1  |
| 5 | <input type="checkbox"/> | 250.000  | 243.128    | 3116539.14  | 0.7201 | P   | 0.7  |
| 6 | <input type="checkbox"/> | 500.000  | 488.424    | 5955157.97  | 1.4467 | A   | 0.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 1007.793   | 11806260.43 | 2.9850 | A   | 4.1  |
| 8 | <input type="checkbox"/> |          |            | 2129.01     | 0.0005 | P   | 12.9 |

$$y = 0.0030 * x + 1.3567\text{E-}005$$

$$R = 0.9999$$

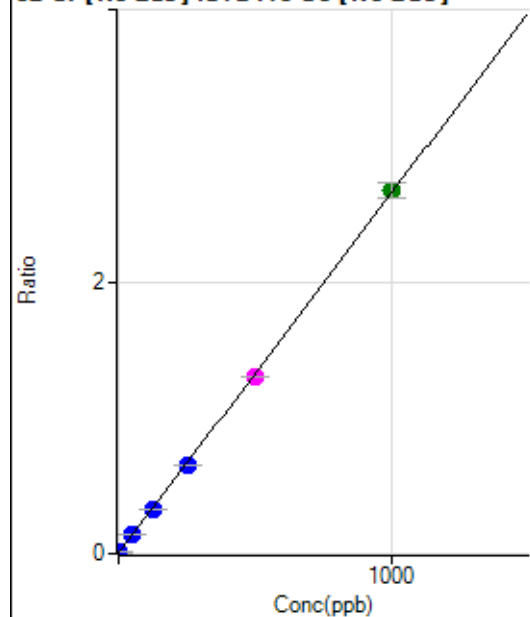
$$DL = 0.003184$$

$$BEC = 0.00458$$

Weight: &lt;None&gt;

Min Conc: 0

52 Cr [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      | 13548.52    | 0.0028 | P   | 2.4 |
| 2 | <input type="checkbox"/> | 2.000    | 2.144      | 41753.28    | 0.0084 | P   | 0.8 |
| 3 | <input type="checkbox"/> | 50.000   | 52.156     | 669365.73   | 0.1409 | P   | 4.9 |
| 4 | <input type="checkbox"/> | 125.000  | 122.391    | 1559763.29  | 0.3270 | P   | 0.5 |
| 5 | <input type="checkbox"/> | 250.000  | 245.039    | 2821229.30  | 0.6519 | P   | 0.6 |
| 6 | <input type="checkbox"/> | 500.000  | 490.626    | 5361664.37  | 1.3025 | M   | 0.6 |
| 7 | <input type="checkbox"/> | 1000.000 | 1006.145   | 10552945.26 | 2.6682 | A   | 4.2 |
| 8 | <input type="checkbox"/> |          |            | 61634.52    | 0.0155 | P   | 1.0 |

$$y = 0.0026 * x + 0.0028$$

$$R = 0.9999$$

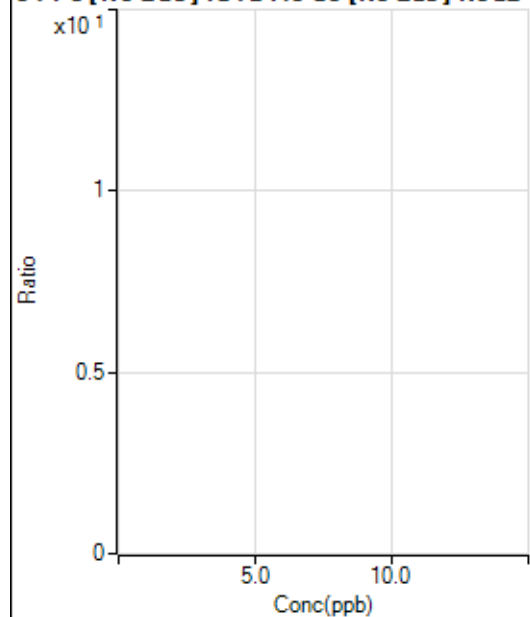
$$DL = 0.07481$$

$$BEC = 1.039$$

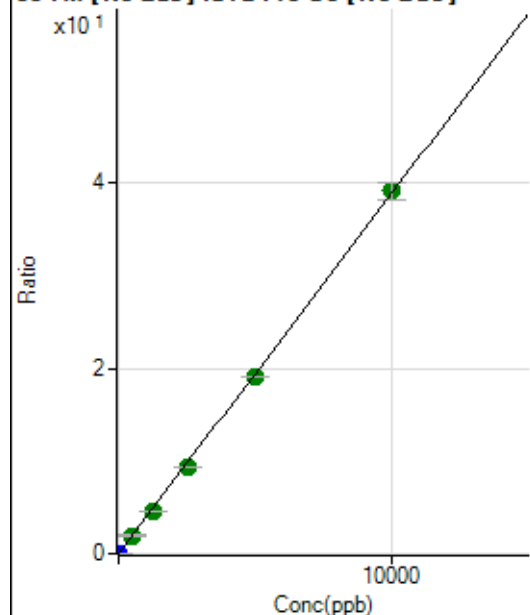
Weight: &lt;None&gt;

Min Conc: 0

54 Fe [No Gas] ISTD :45 Sc [No Gas] No a\_



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS | Ratio | Det | RSD |
|---|--------------------------|-----------|------------|-----|-------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     |            |     |       |     |     |
| 2 | <input type="checkbox"/> | 50.000    |            |     |       |     |     |
| 3 | <input type="checkbox"/> | 2500.000  |            |     |       |     |     |
| 4 | <input type="checkbox"/> | 6250.000  |            |     |       |     |     |
| 5 | <input type="checkbox"/> | 12500.000 |            |     |       |     |     |
| 6 | <input type="checkbox"/> | 25000.000 |            |     |       |     |     |
| 7 | <input type="checkbox"/> | 50000.000 |            |     |       |     |     |
| 8 | <input type="checkbox"/> | 250000.00 |            |     |       |     |     |

**55 Mn [No Gas] ISTD:45 Sc [No Gas]**

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS          | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|--------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 4258.36      | 0.0009  | P    | 9.9 |
| 2 | <input type="checkbox"/> | 1.000     | 1.077      | 24986.83     | 0.0050  | P    | 2.2 |
| 3 | <input type="checkbox"/> | 500.000   | 498.895    | 9210203.73   | 1.9389  | A    | 4.7 |
| 4 | <input type="checkbox"/> | 1250.000  | 1170.916   | 21700932.67  | 4.5495  | A    | 0.9 |
| 5 | <input type="checkbox"/> | 2500.000  | 2404.474   | 40425803.54  | 9.3415  | A    | 1.0 |
| 6 | <input type="checkbox"/> | 5000.000  | 4912.867   | 78564545.11  | 19.0858 | A    | 0.5 |
| 7 | <input type="checkbox"/> | 10000.000 | 10077.389  | 154822860.74 | 39.1484 | A    | 4.5 |
| 8 | <input type="checkbox"/> |           |            | 86989.71     | 0.0218  | P    | 2.7 |

$$y = 0.0039 * x + 8.6536E-004$$

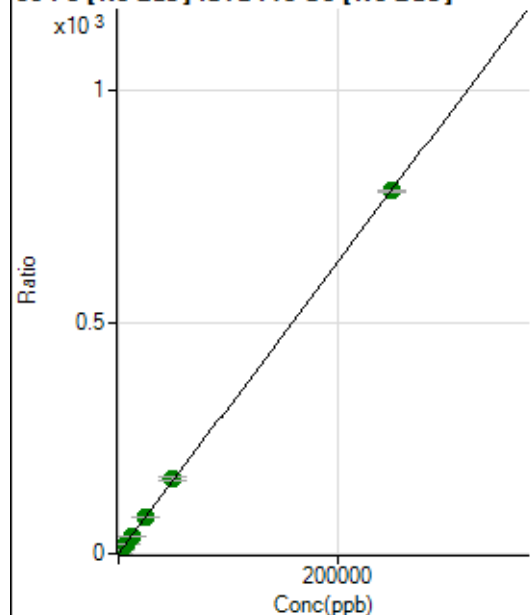
$$R = 0.9999$$

$$DL = 0.06616$$

$$BEC = 0.2228$$

Weight: &lt;None&gt;

Min Conc: 0

**56 Fe [No Gas] ISTD:45 Sc [No Gas]**

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS          | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|--------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 2507482.97   | 0.5096   | P    | 0.4 |
| 2 | <input type="checkbox"/> | 50.000    | 54.129     | 3362384.14   | 0.6792   | P    | 0.7 |
| 3 | <input type="checkbox"/> | 2500.000  | 2540.583   | 40244350.43  | 8.4737   | A    | 5.3 |
| 4 | <input type="checkbox"/> | 6250.000  | 6012.107   | 92328754.67  | 19.3561  | A    | 0.5 |
| 5 | <input type="checkbox"/> | 12500.000 | 12210.004  | 167842399.82 | 38.7851  | A    | 1.2 |
| 6 | <input type="checkbox"/> | 25000.000 | 24881.223  | 323162023.97 | 78.5064  | A    | 0.2 |
| 7 | <input type="checkbox"/> | 50000.000 | 51845.268  | 644802626.58 | 163.0323 | A    | 4.3 |
| 8 | <input type="checkbox"/> | 250000.00 | 249662.86  | 3119505155.2 | 783.1441 | A    | 0.2 |

$$y = 0.0031 * x + 0.5096$$

$$R = 1.0000$$

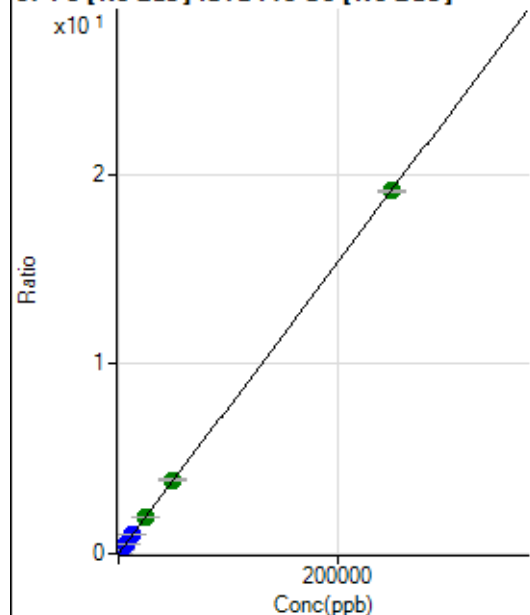
$$DL = 1.843$$

$$BEC = 162.6$$

Weight: &lt;None&gt;

Min Conc: 0

57 Fe [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      | 37281.74    | 0.0076  | P    | 2.2 |
| 2 | <input type="checkbox"/> | 50.000    | 56.504     | 58910.38    | 0.0119  | P    | 1.0 |
| 3 | <input type="checkbox"/> | 2500.000  | 2665.305   | 1004635.21  | 0.2115  | P    | 5.1 |
| 4 | <input type="checkbox"/> | 6250.000  | 6244.790   | 2315430.40  | 0.4854  | P    | 0.5 |
| 5 | <input type="checkbox"/> | 12500.000 | 12599.840  | 4205095.05  | 0.9717  | P    | 0.6 |
| 6 | <input type="checkbox"/> | 25000.000 | 24836.321  | 7853983.60  | 1.9080  | A    | 1.1 |
| 7 | <input type="checkbox"/> | 50000.000 | 50867.452  | 15424662.97 | 3.8998  | A    | 4.1 |
| 8 | <input type="checkbox"/> | 250000.00 | 249836.36  | 76177528.18 | 19.1245 | A    | 0.7 |

$$y = 7.6518\text{E-}005 * x + 0.0076$$

R = 1.0000

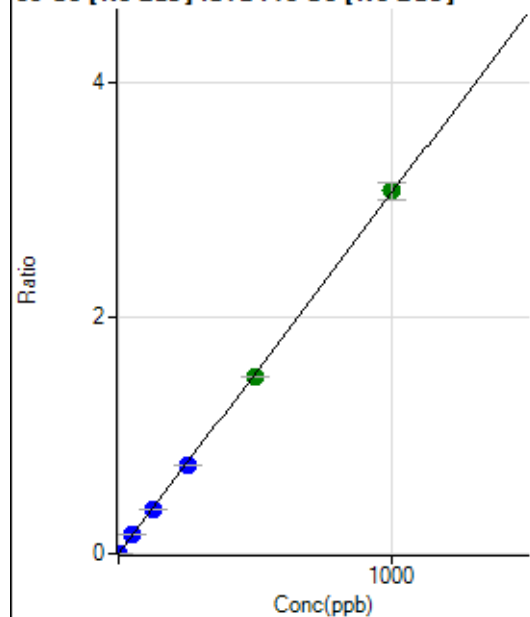
DL = 6.534

BEC = 99.02

Weight: &lt;None&gt;

Min Conc: 0

59 Co [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      | 407.09      | 0.0001 | P    | 1.6 |
| 2 | <input type="checkbox"/> | 1.000    | 1.073      | 16646.48    | 0.0034 | P    | 0.9 |
| 3 | <input type="checkbox"/> | 50.000   | 52.821     | 767182.73   | 0.1616 | P    | 5.7 |
| 4 | <input type="checkbox"/> | 125.000  | 122.853    | 1791808.52  | 0.3756 | P    | 0.9 |
| 5 | <input type="checkbox"/> | 250.000  | 245.611    | 3249722.42  | 0.7509 | P    | 0.6 |
| 6 | <input type="checkbox"/> | 500.000  | 491.308    | 6182896.85  | 1.5020 | A    | 0.4 |
| 7 | <input type="checkbox"/> | 1000.000 | 1005.571   | 12157486.02 | 3.0741 | A    | 4.5 |
| 8 | <input type="checkbox"/> |          |            | 22974.89    | 0.0058 | P    | 3.5 |

$$y = 0.0031 * x + 8.2731\text{E-}005$$

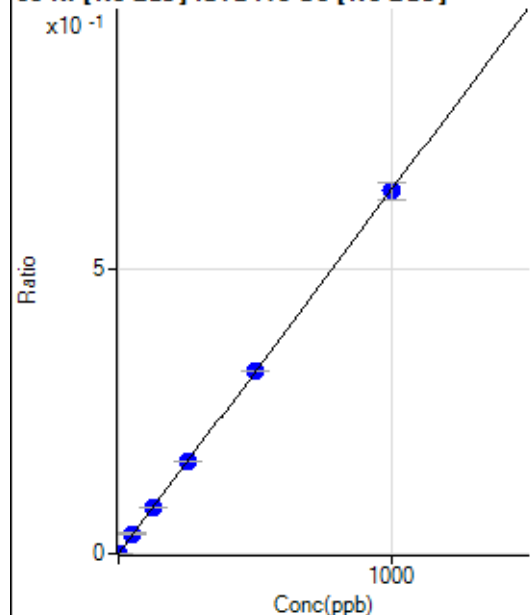
R = 0.9999

DL = 0.001285

BEC = 0.02706

Weight: &lt;None&gt;

Min Conc: 0

**60 Ni [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      | 533.35     | 0.0001 | P    | 4.4 |
| 2 | <input type="checkbox"/> | 1.000    | 1.164      | 4231.76    | 0.0009 | P    | 1.0 |
| 3 | <input type="checkbox"/> | 50.000   | 54.760     | 167258.58  | 0.0352 | P    | 5.1 |
| 4 | <input type="checkbox"/> | 125.000  | 128.263    | 392752.24  | 0.0823 | P    | 0.5 |
| 5 | <input type="checkbox"/> | 250.000  | 254.440    | 706397.34  | 0.1632 | P    | 0.7 |
| 6 | <input type="checkbox"/> | 500.000  | 502.034    | 1325317.76 | 0.3220 | P    | 0.4 |
| 7 | <input type="checkbox"/> | 1000.000 | 997.227    | 2528570.69 | 0.6394 | P    | 4.8 |
| 8 | <input type="checkbox"/> |          |            | 16103.34   | 0.0040 | P    | 1.4 |

$$y = 6.4110\text{E-}004 * x + 1.0839\text{E-}004$$

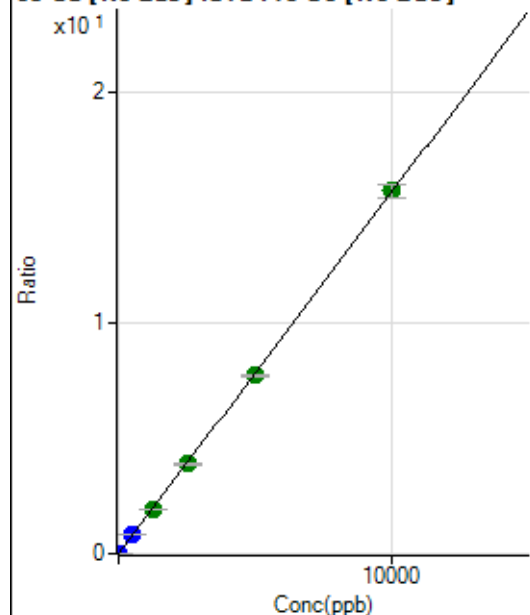
$$R = 1.0000$$

$$DL = 0.02246$$

$$BEC = 0.1691$$

Weight: &lt;None&gt;

Min Conc: 0

**63 Cu [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      | 1562.32     | 0.0003  | P    | 1.3 |
| 2 | <input type="checkbox"/> | 2.000     | 2.167      | 18350.45    | 0.0037  | P    | 1.3 |
| 3 | <input type="checkbox"/> | 500.000   | 533.427    | 3964899.94  | 0.8348  | P    | 5.3 |
| 4 | <input type="checkbox"/> | 1250.000  | 1236.291   | 9227542.22  | 1.9345  | A    | 0.6 |
| 5 | <input type="checkbox"/> | 2500.000  | 2475.440   | 16760842.25 | 3.8731  | A    | 1.3 |
| 6 | <input type="checkbox"/> | 5000.000  | 4932.805   | 31768283.97 | 7.7175  | A    | 0.5 |
| 7 | <input type="checkbox"/> | 10000.000 | 10039.780  | 62129136.30 | 15.7072 | A    | 3.8 |
| 8 | <input type="checkbox"/> |           |            | 32128.54    | 0.0081  | P    | 0.7 |

$$y = 0.0016 * x + 3.1749\text{E-}004$$

$$R = 1.0000$$

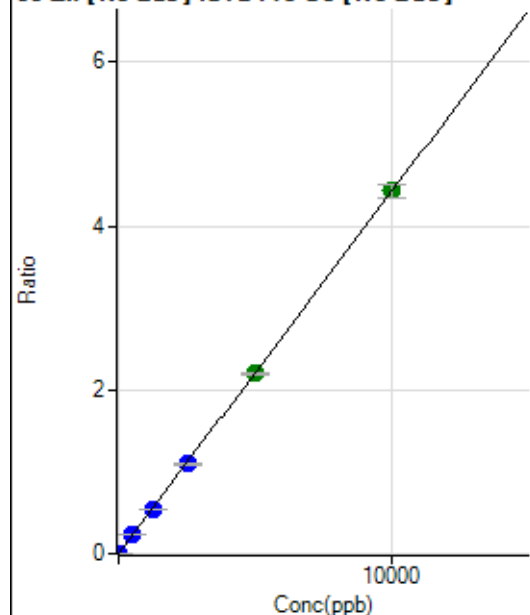
$$DL = 0.007753$$

$$BEC = 0.2029$$

Weight: &lt;None&gt;

Min Conc: 0

66 Zn [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      | 1997.93     | 0.0004 | P   | 2.9 |
| 2 | <input type="checkbox"/> | 2.000     | 2.905      | 8360.23     | 0.0017 | P   | 1.2 |
| 3 | <input type="checkbox"/> | 500.000   | 527.613    | 1108681.85  | 0.2334 | P   | 5.0 |
| 4 | <input type="checkbox"/> | 1250.000  | 1233.974   | 2601456.44  | 0.5454 | P   | 0.8 |
| 5 | <input type="checkbox"/> | 2500.000  | 2475.181   | 4732438.12  | 1.0936 | P   | 1.1 |
| 6 | <input type="checkbox"/> | 5000.000  | 4970.398   | 9037762.78  | 2.1956 | A   | 0.8 |
| 7 | <input type="checkbox"/> | 10000.000 | 10021.628  | 17509296.13 | 4.4264 | A   | 3.7 |
| 8 | <input type="checkbox"/> |           |            | 25334.23    | 0.0064 | P   | 1.1 |

$$y = 4.4165\text{E-}004 * x + 4.0599\text{E-}004$$

$$R = 1.0000$$

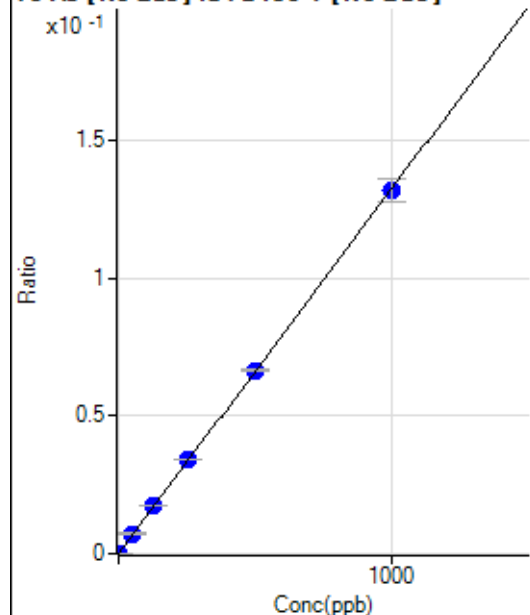
$$DL = 0.07873$$

$$BEC = 0.9193$$

Weight: &lt;None&gt;

Min Conc: 0

75 As [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      | -1691.18   | -0.0001 | P   | -9.9  |
| 2 | <input type="checkbox"/> | 1.000    | 1.052      | -50.94     | 0.0000  | P   | -196. |
| 3 | <input type="checkbox"/> | 50.000   | 55.181     | 83267.59   | 0.0072  | P   | 1.9   |
| 4 | <input type="checkbox"/> | 125.000  | 130.784    | 198955.27  | 0.0172  | P   | 0.4   |
| 5 | <input type="checkbox"/> | 250.000  | 258.444    | 368773.70  | 0.0341  | P   | 0.5   |
| 6 | <input type="checkbox"/> | 500.000  | 503.343    | 702839.55  | 0.0666  | P   | 0.8   |
| 7 | <input type="checkbox"/> | 1000.000 | 995.235    | 1366182.62 | 0.1318  | P   | 6.2   |
| 8 | <input type="checkbox"/> |          |            | -931.13    | -0.0001 | P   | -17.4 |

$$y = 1.3256\text{E-}004 * x - 1.4376\text{E-}004$$

$$R = 0.9999$$

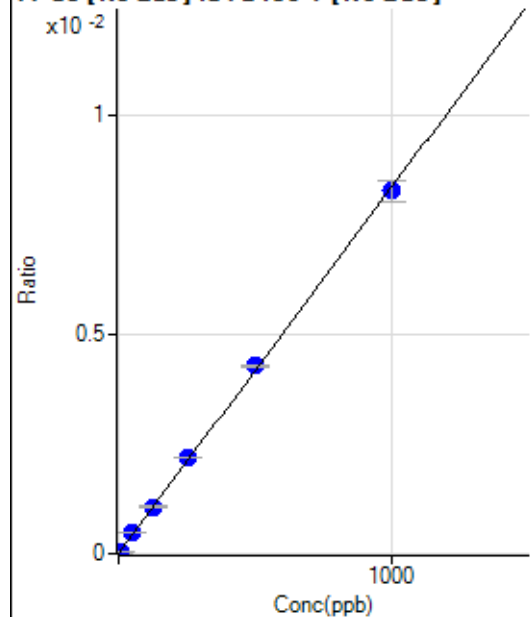
$$DL = 0.3232$$

$$BEC = -1.084$$

Weight: &lt;None&gt;

Min Conc: 0

77 Se [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      | 66.67    | 0.0000 | P   | 43.5 |
| 2 | <input type="checkbox"/> | 5.000    | 5.729      | 630.59   | 0.0001 | P   | 6.8  |
| 3 | <input type="checkbox"/> | 50.000   | 57.632     | 5656.82  | 0.0005 | P   | 2.7  |
| 4 | <input type="checkbox"/> | 125.000  | 127.711    | 12413.95 | 0.0011 | P   | 1.6  |
| 5 | <input type="checkbox"/> | 250.000  | 262.060    | 23730.98 | 0.0022 | P   | 0.8  |
| 6 | <input type="checkbox"/> | 500.000  | 511.601    | 45187.59 | 0.0043 | P   | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 990.460    | 85859.21 | 0.0083 | P   | 6.1  |
| 8 | <input type="checkbox"/> |          |            | 66.67    | 0.0000 | P   | 20.2 |

$$y = 8.3559E-006 * x + 5.6723E-006$$

$$R = 0.9998$$

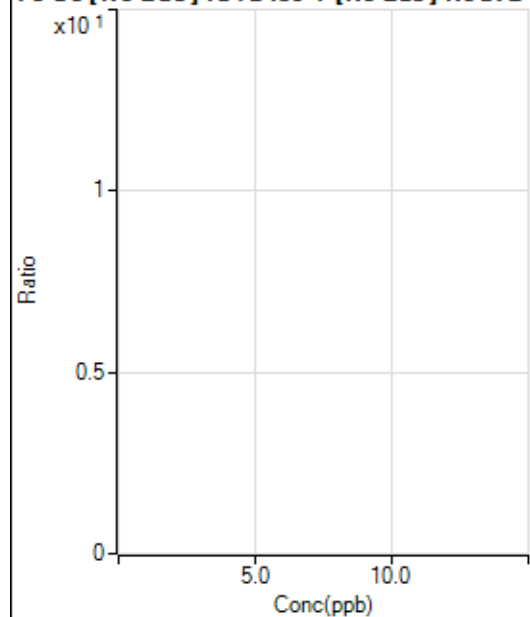
$$DL = 0.8852$$

$$BEC = 0.6788$$

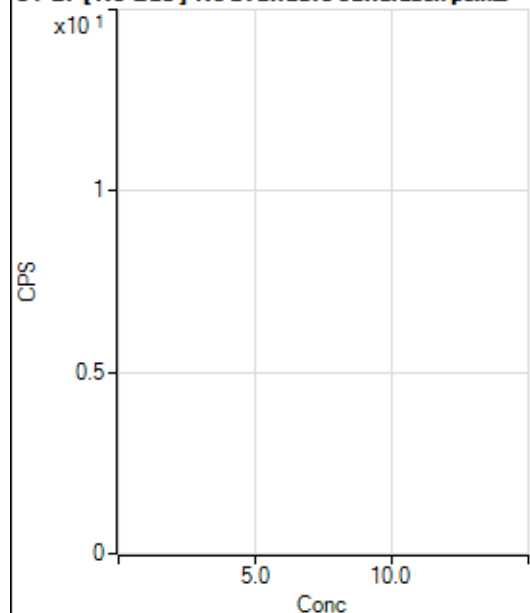
Weight: &lt;None&gt;

Min Conc: 0

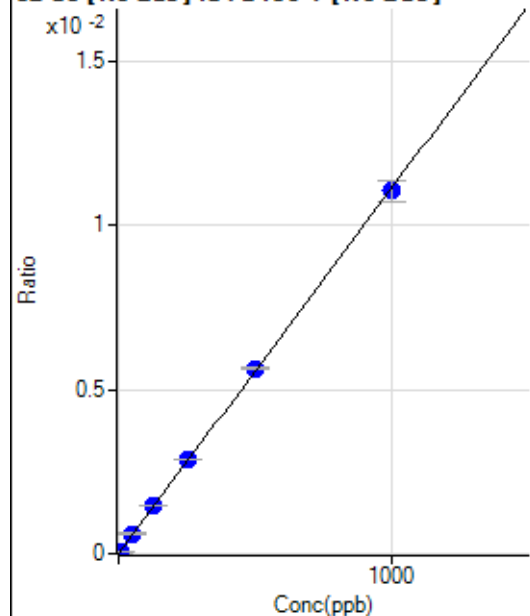
78 Se [No Gas] ISTD:89 Y [No Gas] No av \_



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS | Ratio | Det | RSD |
|---|--------------------------|----------|------------|-----|-------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    |            |     |       |     |     |
| 2 | <input type="checkbox"/> | 5.000    |            |     |       |     |     |
| 3 | <input type="checkbox"/> | 50.000   |            |     |       |     |     |
| 4 | <input type="checkbox"/> | 125.000  |            |     |       |     |     |
| 5 | <input type="checkbox"/> | 250.000  |            |     |       |     |     |
| 6 | <input type="checkbox"/> | 500.000  |            |     |       |     |     |
| 7 | <input type="checkbox"/> | 1000.000 |            |     |       |     |     |
| 8 | <input type="checkbox"/> |          |            |     |       |     |     |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|---------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 7866.25 |       | P        | 4.3 |
| 2 | <input type="checkbox"/> |       |            | 7607.77 |       | P        | 3.0 |
| 3 | <input type="checkbox"/> |       |            | 7643.95 |       | P        | 7.9 |
| 4 | <input type="checkbox"/> |       |            | 7335.42 |       | P        | 4.6 |
| 5 | <input type="checkbox"/> |       |            | 6398.81 |       | P        | 4.8 |
| 6 | <input type="checkbox"/> |       |            | 5970.83 |       | P        | 3.4 |
| 7 | <input type="checkbox"/> |       |            | 5879.13 |       | P        | 3.6 |
| 8 | <input type="checkbox"/> |       |            | 5681.83 |       | P        | 2.9 |

**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      | 45.67     | 0.0000 | P        | 148.3 |
| 2 | <input type="checkbox"/> | 5.000    | 5.799      | 804.63    | 0.0001 | P        | 6.3   |
| 3 | <input type="checkbox"/> | 50.000   | 54.492     | 7075.41   | 0.0006 | P        | 3.1   |
| 4 | <input type="checkbox"/> | 125.000  | 131.029    | 16894.62  | 0.0015 | P        | 0.4   |
| 5 | <input type="checkbox"/> | 250.000  | 258.256    | 31064.29  | 0.0029 | P        | 0.6   |
| 6 | <input type="checkbox"/> | 500.000  | 507.606    | 59588.76  | 0.0056 | P        | 0.9   |
| 7 | <input type="checkbox"/> | 1000.000 | 993.151    | 114470.37 | 0.0110 | P        | 5.9   |
| 8 | <input type="checkbox"/> |          |            | 15.02     | 0.0000 | P        | 307.6 |

$$y = 1.1113E-005 * x + 3.8788E-006$$

$$R = 0.9999$$

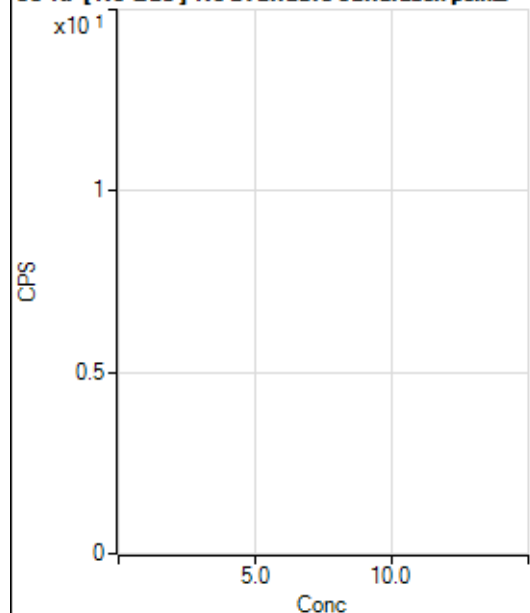
$$DL = 1.553$$

$$BEC = 0.349$$

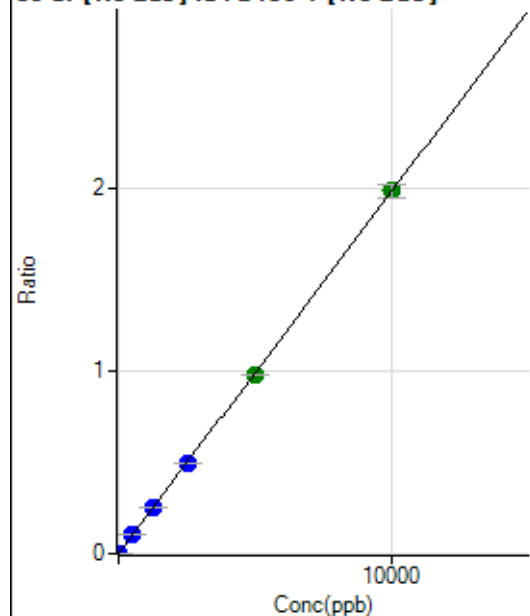
Weight: &lt;None&gt;

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"/> |       |            | 733.36 |       | P        | 5.7  |
| 2 | <input type="checkbox"/> |       |            | 730.02 |       | P        | 3.6  |
| 3 | <input type="checkbox"/> |       |            | 774.47 |       | P        | 0.9  |
| 4 | <input type="checkbox"/> |       |            | 758.92 |       | P        | 11.0 |
| 5 | <input type="checkbox"/> |       |            | 747.80 |       | P        | 8.8  |
| 6 | <input type="checkbox"/> |       |            | 697.80 |       | P        | 8.4  |
| 7 | <input type="checkbox"/> |       |            | 643.35 |       | P        | 2.7  |
| 8 | <input type="checkbox"/> |       |            | 650.02 |       | P        | 1.4  |

**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      | 1319.54     | 0.0001 | P        | 2.2 |
| 2 | <input type="checkbox"/> | 1.000     | 1.084      | 3856.17     | 0.0003 | P        | 3.3 |
| 3 | <input type="checkbox"/> | 500.000   | 531.566    | 1226971.63  | 0.1057 | P        | 2.5 |
| 4 | <input type="checkbox"/> | 1250.000  | 1268.866   | 2917309.57  | 0.2521 | P        | 0.3 |
| 5 | <input type="checkbox"/> | 2500.000  | 2517.062   | 5404594.87  | 0.5000 | P        | 0.2 |
| 6 | <input type="checkbox"/> | 5000.000  | 4943.114   | 10364212.82 | 0.9818 | A        | 0.8 |
| 7 | <input type="checkbox"/> | 10000.000 | 10020.241  | 20650127.89 | 1.9901 | A        | 3.6 |
| 8 | <input type="checkbox"/> |           |            | 6190.37     | 0.0006 | P        | 5.1 |

$$y = 1.9860E-004 * x + 1.1219E-004$$

$$R = 1.0000$$

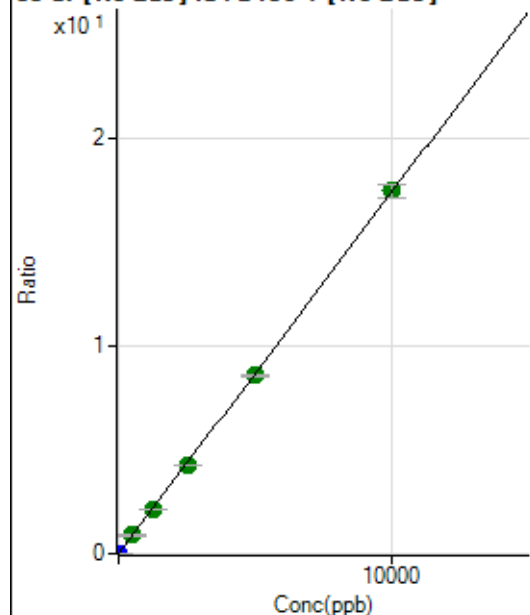
$$DL = 0.03748$$

$$BEC = 0.5649$$

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      | 252.78       | 0.0000  | P   | 13.5 |
| 2 | <input type="checkbox"/> | 1.000     | 1.096      | 22721.24     | 0.0019  | P   | 1.6  |
| 3 | <input type="checkbox"/> | 500.000   | 508.249    | 10266343.46  | 0.8843  | A   | 3.1  |
| 4 | <input type="checkbox"/> | 1250.000  | 1220.284   | 24568599.86  | 2.1232  | A   | 1.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2441.006   | 45908109.36  | 4.2471  | A   | 0.8  |
| 6 | <input type="checkbox"/> | 5000.000  | 4943.695   | 90798827.73  | 8.6015  | A   | 1.2  |
| 7 | <input type="checkbox"/> | 10000.000 | 10046.203  | 181350870.72 | 17.4793 | A   | 3.9  |
| 8 | <input type="checkbox"/> |           |            | 44160.01     | 0.0041  | P   | 7.0  |

$$y = 0.0017 * x + 2.1495E-005$$

$$R = 1.0000$$

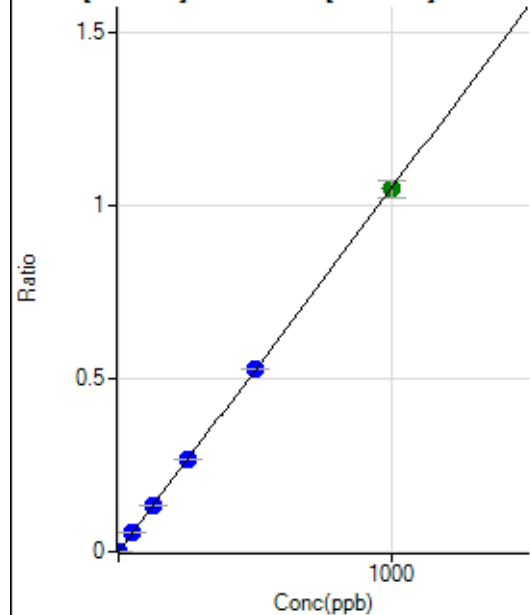
$$DL = 0.005007$$

$$BEC = 0.01235$$

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      | 708.37      | 0.0001 | P   | 15.6 |
| 2 | <input type="checkbox"/> | 1.000    | 1.042      | 13576.20    | 0.0012 | P   | 4.1  |
| 3 | <input type="checkbox"/> | 50.000   | 52.864     | 644460.21   | 0.0555 | P   | 2.1  |
| 4 | <input type="checkbox"/> | 125.000  | 128.372    | 1558708.23  | 0.1347 | P   | 0.1  |
| 5 | <input type="checkbox"/> | 250.000  | 252.786    | 2866497.70  | 0.2652 | P   | 0.3  |
| 6 | <input type="checkbox"/> | 500.000  | 501.349    | 5551424.74  | 0.5259 | P   | 0.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 998.064    | 10856610.14 | 1.0469 | A   | 5.1  |
| 8 | <input type="checkbox"/> |          |            | 2314.14     | 0.0002 | P   | 7.8  |

$$y = 0.0010 * x + 6.0237E-005$$

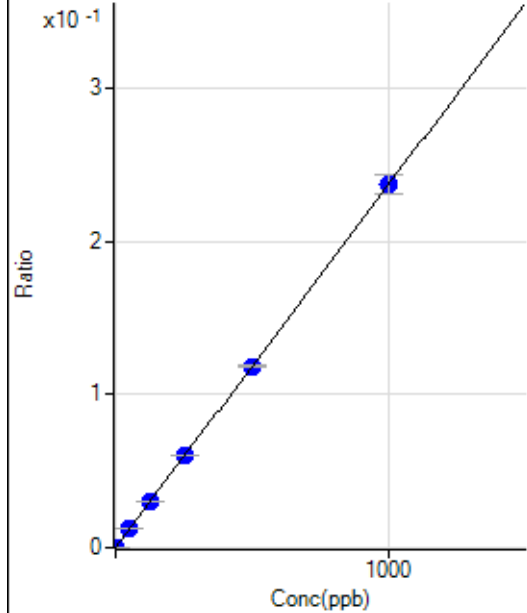
$$R = 1.0000$$

$$DL = 0.02689$$

$$BEC = 0.05743$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 166.67     | 0.0000 | P    | 22.6 |
| 2 | <input type="checkbox"/> | 1.000    | 1.030      | 3044.84    | 0.0003 | P    | 2.0  |
| 3 | <input type="checkbox"/> | 50.000   | 52.252     | 144073.22  | 0.0124 | P    | 2.4  |
| 4 | <input type="checkbox"/> | 125.000  | 126.844    | 348335.91  | 0.0301 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 250.000  | 252.305    | 647065.42  | 0.0599 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 500.000  | 499.057    | 1249787.76 | 0.1184 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 999.552    | 2458843.91 | 0.2371 | P    | 5.4  |
| 8 | <input type="checkbox"/> |          |            | 533.36     | 0.0000 | P    | 17.0 |

$$y = 2.3721\text{E-}004 * x + 1.4165\text{E-}005$$

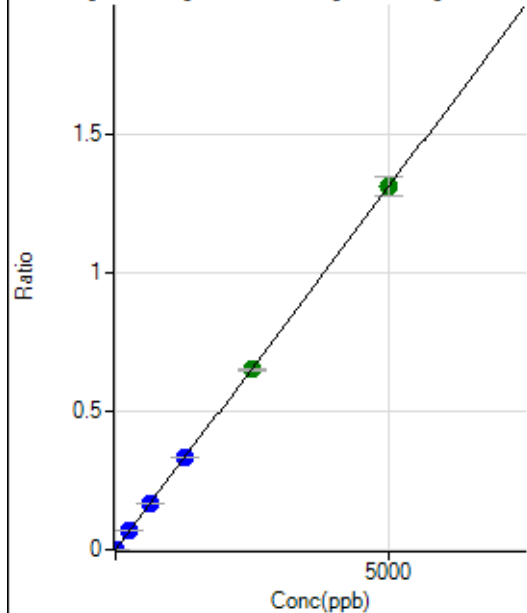
$$R = 1.0000$$

$$DL = 0.04055$$

$$BEC = 0.05971$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 258.34      | 0.0000 | P    | 17.3 |
| 2 | <input type="checkbox"/> | 5.000    | 5.388      | 16893.64    | 0.0014 | P    | 1.3  |
| 3 | <input type="checkbox"/> | 250.000  | 265.412    | 808027.62   | 0.0696 | P    | 2.0  |
| 4 | <input type="checkbox"/> | 625.000  | 639.571    | 1940177.04  | 0.1677 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 1250.000 | 1273.088   | 3607271.74  | 0.3337 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 2500.000 | 2483.504   | 6872156.75  | 0.6510 | A    | 1.0  |
| 7 | <input type="checkbox"/> | 5000.000 | 4999.884   | 13591166.10 | 1.3106 | A    | 5.3  |
| 8 | <input type="checkbox"/> |          |            | 4770.37     | 0.0004 | P    | 7.5  |

$$y = 2.6212\text{E-}004 * x + 2.1971\text{E-}005$$

$$R = 1.0000$$

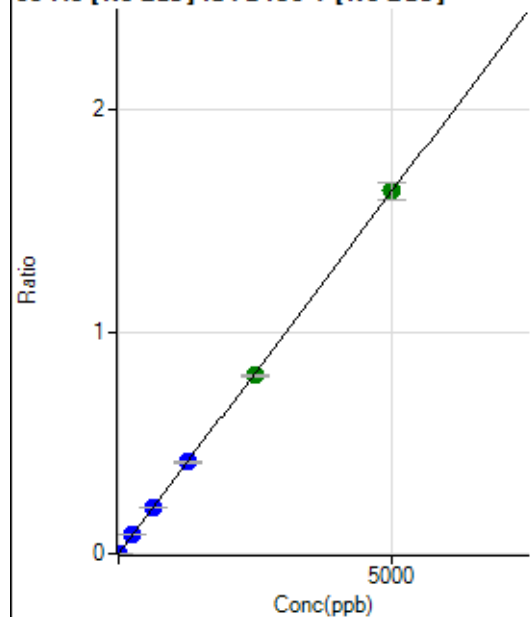
$$DL = 0.04353$$

$$BEC = 0.08382$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 52.78       | 0.0000 | P   | 50.5 |
| 2 | <input type="checkbox"/> | 5.000    | 5.438      | 20960.24    | 0.0018 | P   | 2.6  |
| 3 | <input type="checkbox"/> | 250.000  | 264.654    | 1003038.43  | 0.0864 | P   | 2.3  |
| 4 | <input type="checkbox"/> | 625.000  | 635.857    | 2401746.82  | 0.2076 | P   | 0.8  |
| 5 | <input type="checkbox"/> | 1250.000 | 1262.514   | 4454499.97  | 0.4121 | P   | 0.4  |
| 6 | <input type="checkbox"/> | 2500.000 | 2461.633   | 8481934.39  | 0.8035 | A   | 1.2  |
| 7 | <input type="checkbox"/> | 5000.000 | 5013.965   | 16975497.08 | 1.6366 | A   | 4.7  |
| 8 | <input type="checkbox"/> |          |            | 6354.37     | 0.0006 | P   | 11.0 |

$$y = 3.2641\text{E-}004 * x + 4.4837\text{E-}006$$

$$R = 0.9999$$

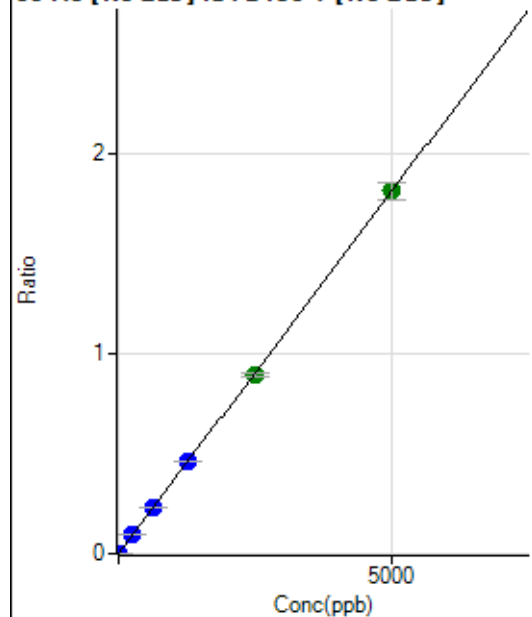
$$DL = 0.0208$$

$$BEC = 0.01374$$

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 | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 97.22       | 0.0000 | P   | 21.4 |
| 2 | <input type="checkbox"/> | 5.000    | 5.410      | 23219.37    | 0.0020 | P   | 1.3  |
| 3 | <input type="checkbox"/> | 250.000  | 264.110    | 1112673.42  | 0.0958 | P   | 2.6  |
| 4 | <input type="checkbox"/> | 625.000  | 634.753    | 2665168.85  | 0.2303 | P   | 1.0  |
| 5 | <input type="checkbox"/> | 1250.000 | 1270.530   | 4983091.82  | 0.4610 | P   | 0.5  |
| 6 | <input type="checkbox"/> | 2500.000 | 2469.427   | 9458271.22  | 0.8960 | A   | 1.3  |
| 7 | <input type="checkbox"/> | 5000.000 | 5008.229   | 18847368.48 | 1.8172 | A   | 4.9  |
| 8 | <input type="checkbox"/> |          |            | 8074.68     | 0.0007 | P   | 8.7  |

$$y = 3.6284\text{E-}004 * x + 8.2639\text{E-}006$$

$$R = 1.0000$$

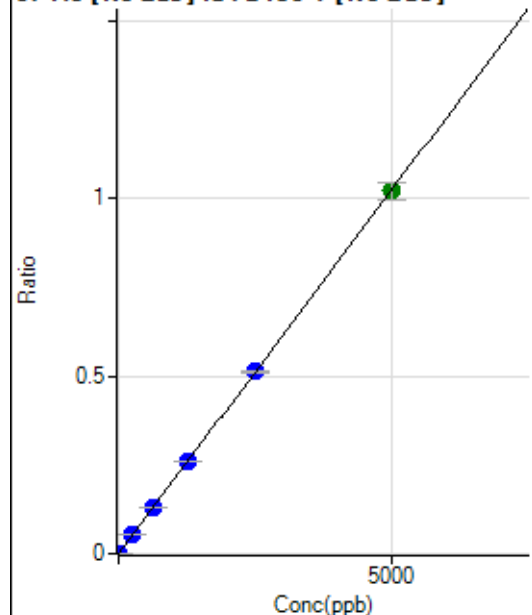
$$DL = 0.01463$$

$$BEC = 0.02278$$

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      | 11.11       | 0.0000 | P    | 114.6 |
| 2 | <input type="checkbox"/> | 5.000    | 5.426      | 13086.87    | 0.0011 | P    | 1.5   |
| 3 | <input type="checkbox"/> | 250.000  | 263.891    | 626889.44   | 0.0540 | P    | 1.7   |
| 4 | <input type="checkbox"/> | 625.000  | 635.303    | 1504017.03  | 0.1300 | P    | 0.1   |
| 5 | <input type="checkbox"/> | 1250.000 | 1267.884   | 2803809.05  | 0.2594 | P    | 0.5   |
| 6 | <input type="checkbox"/> | 2500.000 | 2506.867   | 5413924.17  | 0.5129 | P    | 0.8   |
| 7 | <input type="checkbox"/> | 5000.000 | 4990.112   | 10588583.83 | 1.0209 | A    | 4.8   |
| 8 | <input type="checkbox"/> |          |            | 4050.69     | 0.0004 | P    | 14.0  |

$$y = 2.0458\text{E-}004 * x + 9.4634\text{E-}007$$

$$R = 1.0000$$

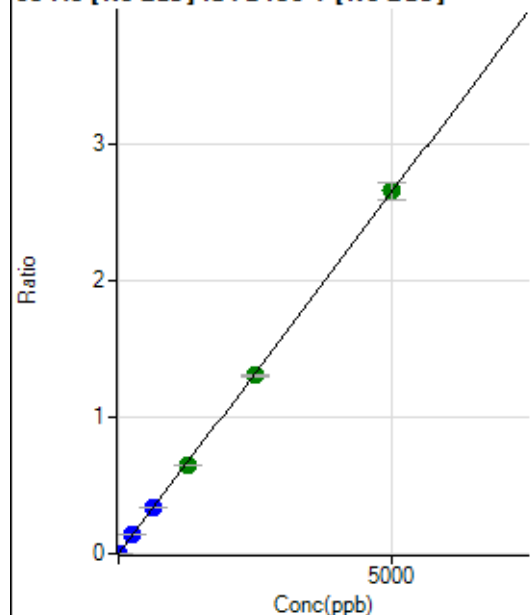
$$DL = 0.01591$$

$$BEC = 0.004626$$

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      | 66.67       | 0.0000 | P    | 12.7 |
| 2 | <input type="checkbox"/> | 5.000    | 5.452      | 34094.01    | 0.0029 | P    | 1.8  |
| 3 | <input type="checkbox"/> | 250.000  | 264.450    | 1627031.48  | 0.1401 | P    | 2.3  |
| 4 | <input type="checkbox"/> | 625.000  | 634.932    | 3893287.28  | 0.3364 | P    | 0.1  |
| 5 | <input type="checkbox"/> | 1250.000 | 1226.625   | 7025771.25  | 0.6500 | A    | 0.2  |
| 6 | <input type="checkbox"/> | 2500.000 | 2468.076   | 13805303.43 | 1.3078 | A    | 1.3  |
| 7 | <input type="checkbox"/> | 5000.000 | 5019.841   | 27588315.20 | 2.6600 | A    | 4.9  |
| 8 | <input type="checkbox"/> |          |            | 10234.55    | 0.0010 | P    | 13.5 |

$$y = 5.2989\text{E-}004 * x + 5.6687\text{E-}006$$

$$R = 0.9999$$

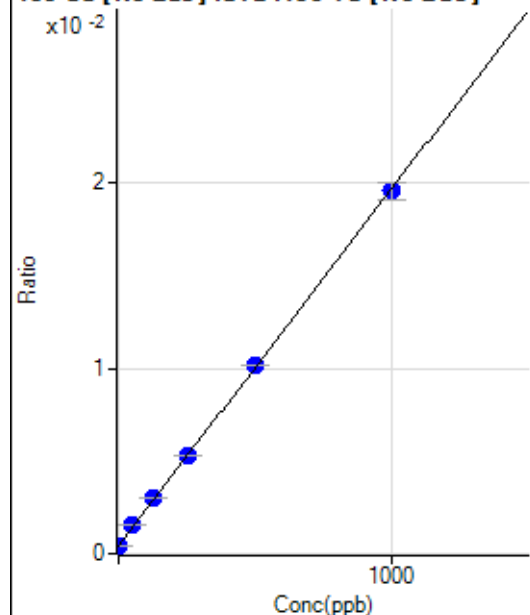
$$DL = 0.004065$$

$$BEC = 0.0107$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 5045.48   | 0.0004 | P   | 2.4 |
| 2 | <input type="checkbox"/> | 1.000    | 1.605      | 5459.55   | 0.0005 | P   | 5.0 |
| 3 | <input type="checkbox"/> | 50.000   | 57.362     | 18020.18  | 0.0015 | P   | 1.7 |
| 4 | <input type="checkbox"/> | 125.000  | 132.618    | 35556.06  | 0.0030 | P   | 1.0 |
| 5 | <input type="checkbox"/> | 250.000  | 254.124    | 62334.16  | 0.0053 | P   | 0.7 |
| 6 | <input type="checkbox"/> | 500.000  | 506.004    | 115693.30 | 0.0102 | P   | 0.6 |
| 7 | <input type="checkbox"/> | 1000.000 | 994.646    | 220727.21 | 0.0196 | P   | 5.0 |
| 8 | <input type="checkbox"/> |          |            | 4817.60   | 0.0004 | P   | 5.0 |

$$y = 1.9273\text{E-}005 * x + 4.2376\text{E-}004$$

$$R = 0.9999$$

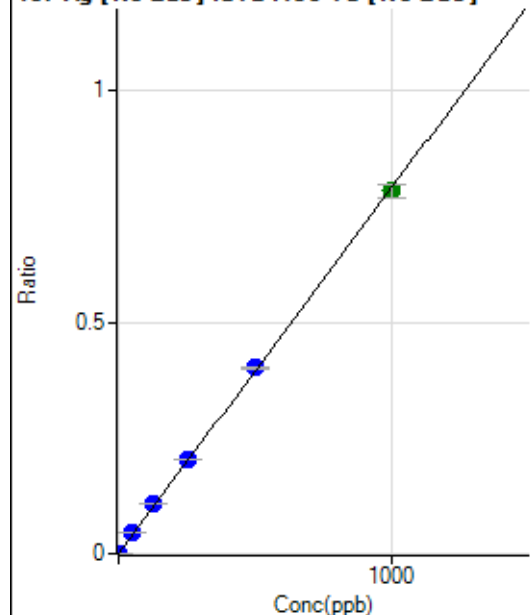
$$DL = 1.608$$

$$BEC = 21.99$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 86.11      | 0.0000 | P   | 58.2 |
| 2 | <input type="checkbox"/> | 1.000    | 1.170      | 11190.77   | 0.0009 | P   | 2.8  |
| 3 | <input type="checkbox"/> | 50.000   | 57.456     | 534949.25  | 0.0454 | P   | 3.0  |
| 4 | <input type="checkbox"/> | 125.000  | 135.903    | 1281577.27 | 0.1074 | P   | 0.9  |
| 5 | <input type="checkbox"/> | 250.000  | 258.843    | 2396086.25 | 0.2046 | P   | 0.5  |
| 6 | <input type="checkbox"/> | 500.000  | 508.011    | 4564165.16 | 0.4015 | P   | 0.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 992.048    | 8835439.17 | 0.7840 | A   | 3.4  |
| 8 | <input type="checkbox"/> |          |            | 2358.59    | 0.0002 | P   | 13.1 |

$$y = 7.9023\text{E-}004 * x + 7.2033\text{E-}006$$

$$R = 0.9999$$

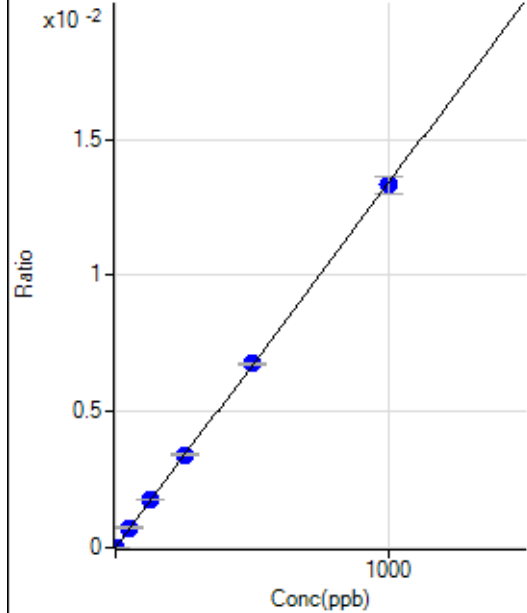
$$DL = 0.01593$$

$$BEC = 0.009115$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 40.28     | 0.0000 | P   | 24.6 |
| 2 | <input type="checkbox"/> | 1.000    | 1.293      | 248.62    | 0.0000 | P   | 6.2  |
| 3 | <input type="checkbox"/> | 50.000   | 54.802     | 8684.68   | 0.0007 | P   | 3.8  |
| 4 | <input type="checkbox"/> | 125.000  | 132.328    | 21189.50  | 0.0018 | P   | 0.5  |
| 5 | <input type="checkbox"/> | 250.000  | 255.234    | 40081.40  | 0.0034 | P   | 2.8  |
| 6 | <input type="checkbox"/> | 500.000  | 505.160    | 76955.10  | 0.0068 | P   | 0.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 994.955    | 150168.71 | 0.0133 | P   | 4.6  |
| 8 | <input type="checkbox"/> |          |            | 184.73    | 0.0000 | P   | 22.9 |

$$y = 1.3393\text{E-}005 * x + 3.3871\text{E-}006$$

$$R = 0.9999$$

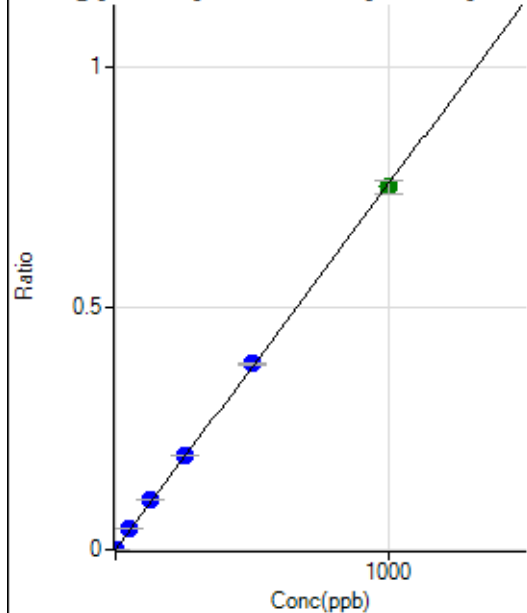
$$DL = 0.1867$$

$$BEC = 0.2529$$

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      | 27.78      | 0.0000 | P   | 62.9 |
| 2 | <input type="checkbox"/> | 1.000    | 1.196      | 10901.65   | 0.0009 | P   | 3.0  |
| 3 | <input type="checkbox"/> | 50.000   | 57.753     | 515262.31  | 0.0437 | P   | 3.1  |
| 4 | <input type="checkbox"/> | 125.000  | 136.911    | 1237241.85 | 0.1037 | P   | 1.2  |
| 5 | <input type="checkbox"/> | 250.000  | 257.928    | 2288133.04 | 0.1953 | P   | 0.4  |
| 6 | <input type="checkbox"/> | 500.000  | 507.882    | 4372920.59 | 0.3846 | P   | 0.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 992.200    | 8467692.55 | 0.7514 | A   | 3.8  |
| 8 | <input type="checkbox"/> |          |            | 2133.55    | 0.0002 | P   | 1.9  |

$$y = 7.5733\text{E-}004 * x + 2.3356\text{E-}006$$

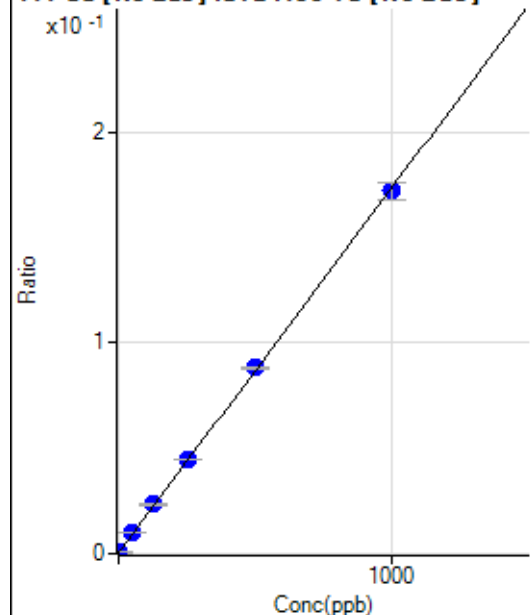
$$R = 0.9999$$

$$DL = 0.005815$$

$$BEC = 0.003084$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3517.53    | 0.0003 | P        | 2.2 |
| 2 | <input type="checkbox"/> | 1.000    | 1.185      | 6007.60    | 0.0005 | P        | 6.0 |
| 3 | <input type="checkbox"/> | 50.000   | 56.666     | 118923.75  | 0.0101 | P        | 2.9 |
| 4 | <input type="checkbox"/> | 125.000  | 133.650    | 279316.19  | 0.0234 | P        | 1.5 |
| 5 | <input type="checkbox"/> | 250.000  | 256.650    | 523364.06  | 0.0447 | P        | 0.7 |
| 6 | <input type="checkbox"/> | 500.000  | 508.352    | 1002855.42 | 0.0882 | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1000.000 | 992.747    | 1937596.78 | 0.1720 | P        | 4.6 |
| 8 | <input type="checkbox"/> |          |            | 3509.68    | 0.0003 | P        | 4.2 |

$$y = 1.7294\text{E-}004 * x + 2.9543\text{E-}004$$

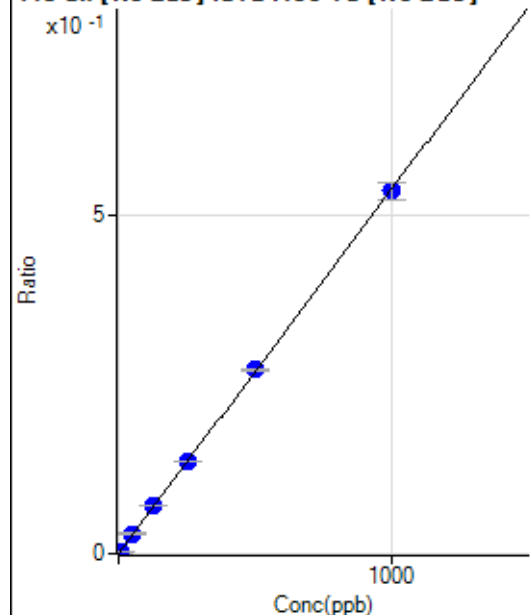
$$R = 0.9999$$

$$DL = 0.112$$

$$BEC = 1.708$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 538.91     | 0.0000 | P        | 1.4 |
| 2 | <input type="checkbox"/> | 5.000    | 5.596      | 36748.57   | 0.0031 | P        | 2.4 |
| 3 | <input type="checkbox"/> | 50.000   | 55.054     | 350000.90  | 0.0297 | P        | 3.0 |
| 4 | <input type="checkbox"/> | 125.000  | 131.391    | 845373.00  | 0.0708 | P        | 0.9 |
| 5 | <input type="checkbox"/> | 250.000  | 252.509    | 1594321.10 | 0.1361 | P        | 0.7 |
| 6 | <input type="checkbox"/> | 500.000  | 504.839    | 3093235.86 | 0.2721 | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1000.000 | 995.899    | 6045817.97 | 0.5367 | P        | 5.0 |
| 8 | <input type="checkbox"/> |          |            | 2469.72    | 0.0002 | P        | 6.0 |

$$y = 5.3884\text{E-}004 * x + 4.5251\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.003412$$

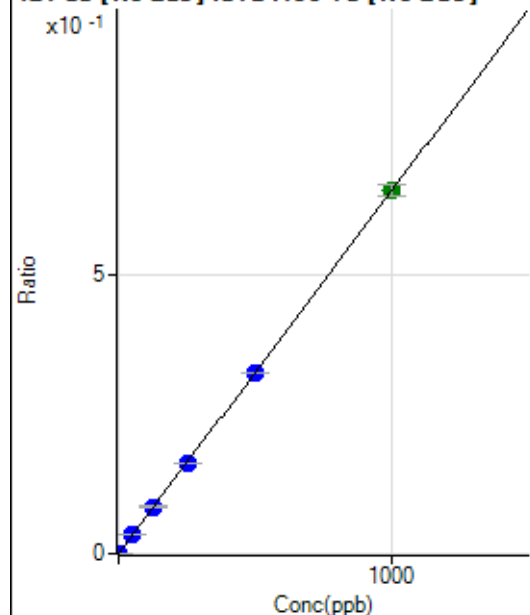
$$BEC = 0.08398$$

Weight: &lt;None&gt;

Min Conc: 0



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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 183.34     | 0.0000 | P    | 28.1 |
| 2 | <input type="checkbox"/> | 2.000    | 2.175      | 17163.65   | 0.0014 | P    | 4.6  |
| 3 | <input type="checkbox"/> | 50.000   | 54.095     | 414591.85  | 0.0352 | P    | 3.0  |
| 4 | <input type="checkbox"/> | 125.000  | 129.368    | 1004058.69 | 0.0841 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 250.000  | 248.921    | 1896336.37 | 0.1619 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 500.000  | 498.411    | 3685146.35 | 0.3241 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.313   | 7331760.84 | 0.6505 | A    | 3.3  |
| 8 | <input type="checkbox"/> |          |            | 5642.94    | 0.0005 | P    | 2.0  |

$$y = 6.5031E-004 * x + 1.5391E-005$$

$$R = 1.0000$$

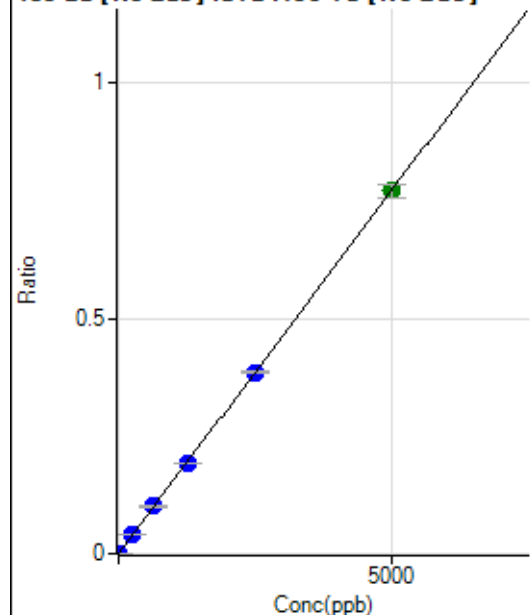
$$DL = 0.01998$$

$$BEC = 0.02367$$

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      | 44.45      | 0.0000 | P    | 91.6 |
| 2 | <input type="checkbox"/> | 10.000   | 11.224     | 20835.47   | 0.0017 | P    | 2.1  |
| 3 | <input type="checkbox"/> | 250.000  | 271.715    | 493831.01  | 0.0419 | P    | 3.0  |
| 4 | <input type="checkbox"/> | 625.000  | 649.829    | 1196253.20 | 0.1003 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 1250.000 | 1244.776   | 2249374.75 | 0.1920 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 2500.000 | 2498.686   | 4382451.05 | 0.3855 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 5000.000 | 4997.771   | 8689059.48 | 0.7710 | A    | 3.5  |
| 8 | <input type="checkbox"/> |          |            | 2422.50    | 0.0002 | P    | 10.9 |

$$y = 1.5427E-004 * x + 3.7141E-006$$

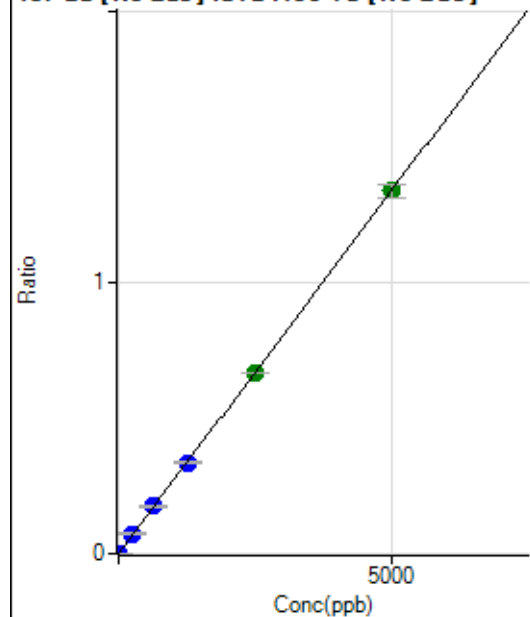
$$R = 1.0000$$

$$DL = 0.06618$$

$$BEC = 0.02408$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 33.34       | 0.0000 | P    | 65.2 |
| 2 | <input type="checkbox"/> | 10.000   | 11.390     | 36621.05    | 0.0031 | P    | 0.3  |
| 3 | <input type="checkbox"/> | 250.000  | 274.732    | 865934.66   | 0.0735 | P    | 2.6  |
| 4 | <input type="checkbox"/> | 625.000  | 651.165    | 2078694.53  | 0.1742 | P    | 1.8  |
| 5 | <input type="checkbox"/> | 1250.000 | 1255.207   | 3933515.89  | 0.3358 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 2500.000 | 2492.015   | 7579902.86  | 0.6667 | A    | 0.5  |
| 7 | <input type="checkbox"/> | 5000.000 | 4998.181   | 15069606.93 | 1.3372 | A    | 3.6  |
| 8 | <input type="checkbox"/> |          |            | 4453.61     | 0.0004 | P    | 6.9  |

$$y = 2.6753E-004 * x + 2.7904E-006$$

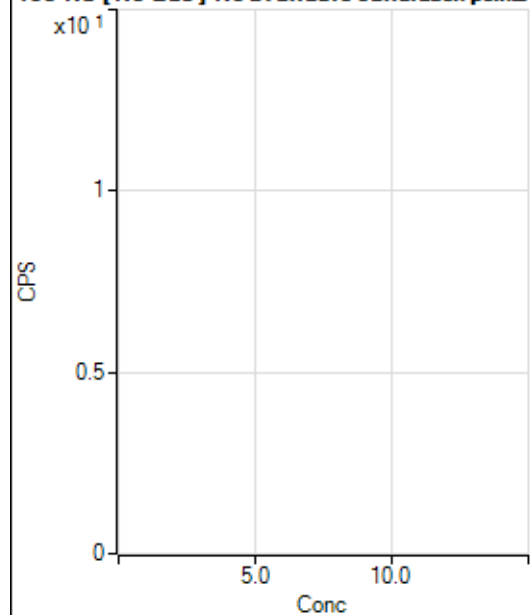
$$R = 1.0000$$

$$DL = 0.02041$$

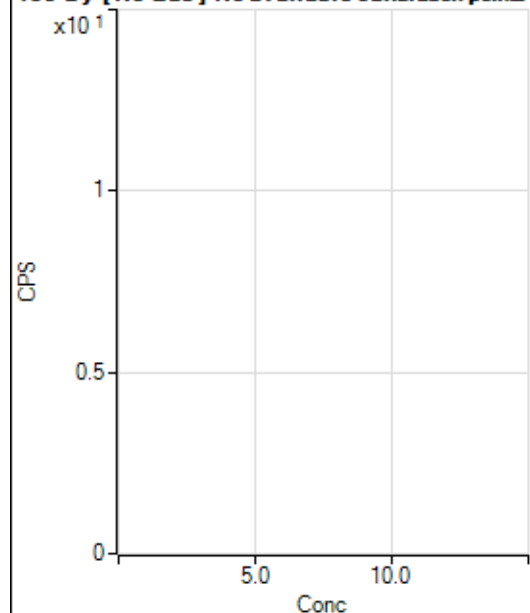
$$BEC = 0.01043$$

Weight: &lt;None&gt;

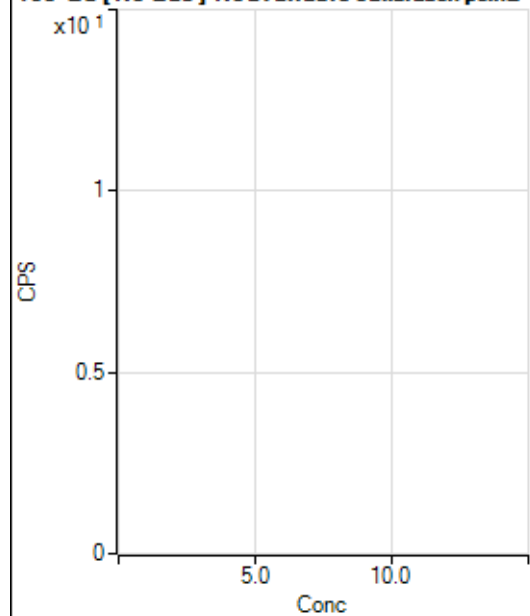
Min Conc: 0

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

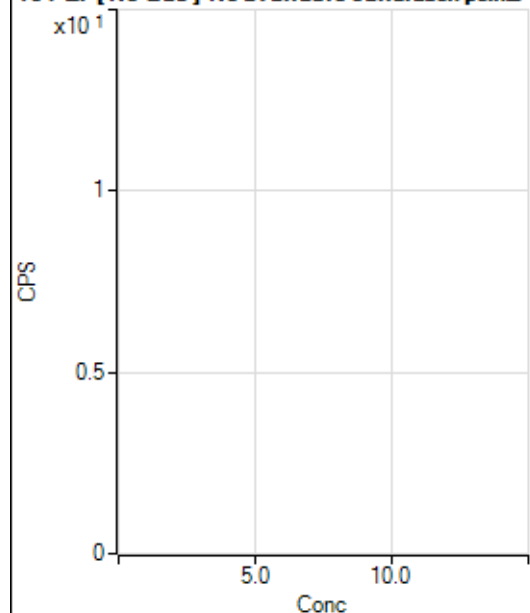
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det. | RSD   |
|---|--------------------------|-------|------------|--------|-------|------|-------|
| 1 | <input type="checkbox"/> |       |            | 0.00   |       | P    |       |
| 2 | <input type="checkbox"/> |       |            | 2.22   |       | P    | 173.2 |
| 3 | <input type="checkbox"/> |       |            | 46.67  |       | P    | 0.0   |
| 4 | <input type="checkbox"/> |       |            | 120.00 |       | P    | 29.4  |
| 5 | <input type="checkbox"/> |       |            | 160.00 |       | P    | 11.0  |
| 6 | <input type="checkbox"/> |       |            | 380.02 |       | P    | 19.9  |
| 7 | <input type="checkbox"/> |       |            | 717.81 |       | P    | 10.8  |
| 8 | <input type="checkbox"/> |       |            | 17.78  |       | P    | 21.7  |

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

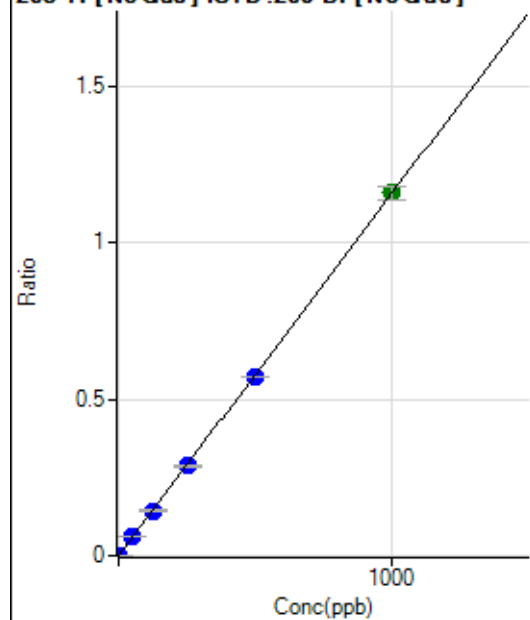
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|---------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 8.33    |       | P        | 100.0 |
| 2 | <input type="checkbox"/> |       |            | 5.55    |       | P        | 86.6  |
| 3 | <input type="checkbox"/> |       |            | 52.78   |       | P        | 39.7  |
| 4 | <input type="checkbox"/> |       |            | 91.67   |       | P        | 36.4  |
| 5 | <input type="checkbox"/> |       |            | 150.00  |       | P        | 5.6   |
| 6 | <input type="checkbox"/> |       |            | 286.12  |       | P        | 19.0  |
| 7 | <input type="checkbox"/> |       |            | 572.25  |       | P        | 10.7  |
| 8 | <input type="checkbox"/> |       |            | 1469.56 |       | P        | 4.9   |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|---------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 108.34  |       | P        | 33.5 |
| 2 | <input type="checkbox"/> |       |            | 91.67   |       | P        | 39.6 |
| 3 | <input type="checkbox"/> |       |            | 150.00  |       | P        | 24.2 |
| 4 | <input type="checkbox"/> |       |            | 175.01  |       | P        | 9.5  |
| 5 | <input type="checkbox"/> |       |            | 241.68  |       | P        | 15.0 |
| 6 | <input type="checkbox"/> |       |            | 333.35  |       | P        | 20.5 |
| 7 | <input type="checkbox"/> |       |            | 561.14  |       | P        | 8.7  |
| 8 | <input type="checkbox"/> |       |            | 1419.56 |       | P        | 7.5  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 97.22  |       | P        | 30.1 |
| 2 | <input type="checkbox"/> |       |            | 86.11  |       | P        | 34.0 |
| 3 | <input type="checkbox"/> |       |            | 69.45  |       | P        | 6.9  |
| 4 | <input type="checkbox"/> |       |            | 105.56 |       | P        | 9.1  |
| 5 | <input type="checkbox"/> |       |            | 130.56 |       | P        | 42.5 |
| 6 | <input type="checkbox"/> |       |            | 105.56 |       | P        | 27.7 |
| 7 | <input type="checkbox"/> |       |            | 175.01 |       | P        | 14.3 |
| 8 | <input type="checkbox"/> |       |            | 250.01 |       | P        | 18.6 |

**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      | 236.12     | 0.0000 | P        | 22.9 |
| 2 | <input type="checkbox"/> | 1.000    | 1.027      | 10215.23   | 0.0012 | P        | 2.7  |
| 3 | <input type="checkbox"/> | 50.000   | 51.667     | 490660.32  | 0.0598 | P        | 3.2  |
| 4 | <input type="checkbox"/> | 125.000  | 124.154    | 1194520.32 | 0.1436 | P        | 1.3  |
| 5 | <input type="checkbox"/> | 250.000  | 247.890    | 2336475.47 | 0.2868 | P        | 0.7  |
| 6 | <input type="checkbox"/> | 500.000  | 494.801    | 4587865.90 | 0.5724 | P        | 0.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 1003.149   | 9089721.91 | 1.1604 | A        | 3.5  |
| 8 | <input type="checkbox"/> |          |            | 2719.81    | 0.0004 | P        | 19.0 |

$$y = 0.0012 * x + 2.8311E-005$$

$$R = 1.0000$$

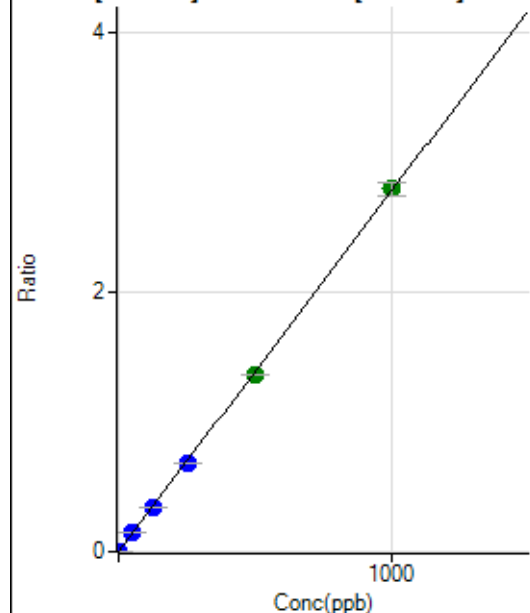
$$DL = 0.01684$$

$$BEC = 0.02447$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 502.80      | 0.0001 | P   | 2.2  |
| 2 | <input type="checkbox"/> | 1.000    | 1.058      | 25179.78    | 0.0030 | P   | 3.7  |
| 3 | <input type="checkbox"/> | 50.000   | 51.642     | 1176997.50  | 0.1434 | P   | 3.6  |
| 4 | <input type="checkbox"/> | 125.000  | 123.803    | 2859045.14  | 0.3438 | P   | 1.2  |
| 5 | <input type="checkbox"/> | 250.000  | 246.276    | 5571588.97  | 0.6839 | P   | 0.7  |
| 6 | <input type="checkbox"/> | 500.000  | 491.137    | 10930547.90 | 1.3637 | A   | 0.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 1005.430   | 21864111.08 | 2.7917 | A   | 3.9  |
| 8 | <input type="checkbox"/> |          |            | 6607.40     | 0.0009 | P   | 16.6 |

$$y = 0.0028 * x + 6.0262E-005$$

$$R = 0.9999$$

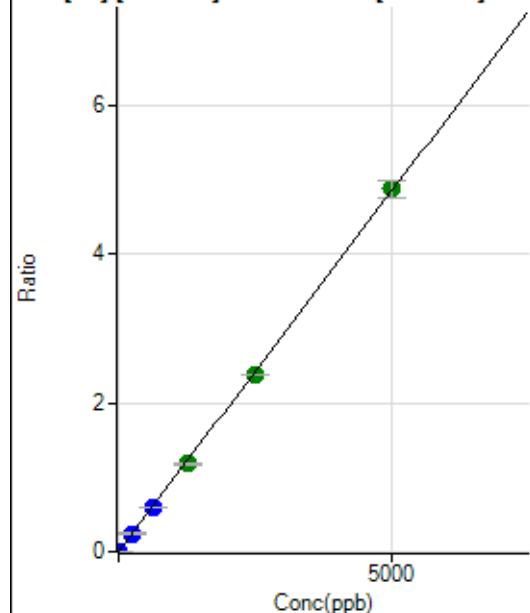
$$DL = 0.001432$$

$$BEC = 0.0217$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1050.06     | 0.0001 | P   | 5.7 |
| 2 | <input type="checkbox"/> | 1.000    | 1.056      | 9644.38     | 0.0011 | P   | 0.8 |
| 3 | <input type="checkbox"/> | 250.000  | 253.197    | 2011252.01  | 0.2451 | P   | 3.7 |
| 4 | <input type="checkbox"/> | 625.000  | 606.307    | 4880011.91  | 0.5868 | P   | 0.6 |
| 5 | <input type="checkbox"/> | 1250.000 | 1217.422   | 9598788.99  | 1.1782 | A   | 0.7 |
| 6 | <input type="checkbox"/> | 2500.000 | 2452.501   | 19022599.73 | 2.3733 | A   | 0.1 |
| 7 | <input type="checkbox"/> | 5000.000 | 5034.071   | 38140466.13 | 4.8713 | A   | 4.9 |
| 8 | <input type="checkbox"/> |          |            | 22138.95    | 0.0029 | P   | 2.3 |

$$y = 9.6765E-004 * x + 1.2584E-004$$

$$R = 0.9999$$

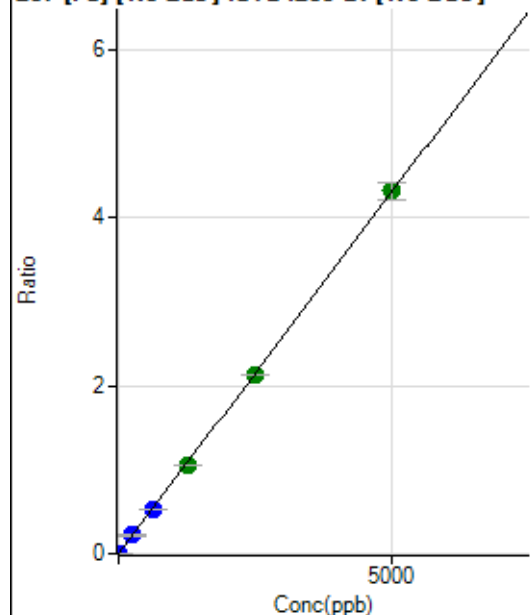
$$DL = 0.02233$$

$$BEC = 0.13$$

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      | 888.94      | 0.0001 | P        | 9.2 |
| 2 | <input type="checkbox"/> | 1.000    | 1.070      | 8615.88     | 0.0010 | P        | 3.8 |
| 3 | <input type="checkbox"/> | 250.000  | 253.782    | 1789544.24  | 0.2181 | P        | 3.2 |
| 4 | <input type="checkbox"/> | 625.000  | 608.245    | 4345352.99  | 0.5225 | P        | 1.5 |
| 5 | <input type="checkbox"/> | 1250.000 | 1232.046   | 8622586.48  | 1.0583 | A        | 0.4 |
| 6 | <input type="checkbox"/> | 2500.000 | 2471.189   | 17013897.72 | 2.1227 | A        | 0.5 |
| 7 | <input type="checkbox"/> | 5000.000 | 5020.799   | 33769204.92 | 4.3126 | A        | 4.6 |
| 8 | <input type="checkbox"/> |          |            | 19961.43    | 0.0027 | P        | 4.1 |

$$y = 8.5892E-004 * x + 1.0659E-004$$

$$R = 1.0000$$

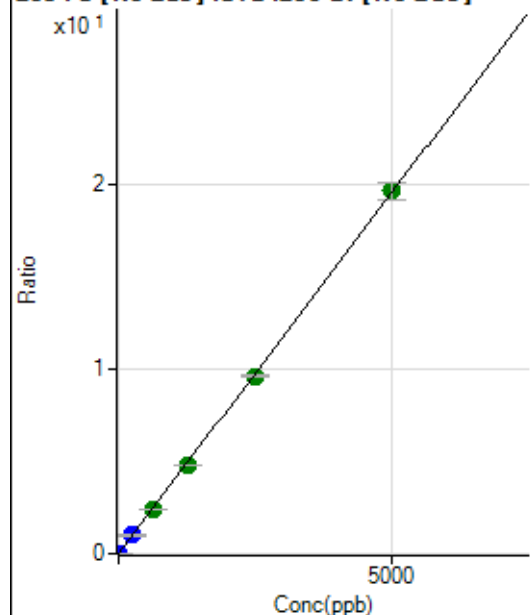
$$DL = 0.03424$$

$$BEC = 0.1241$$

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      | 4192.93      | 0.0005  | P        | 3.3 |
| 2 | <input type="checkbox"/> | 1.000    | 1.063      | 39113.89     | 0.0047  | P        | 1.3 |
| 3 | <input type="checkbox"/> | 250.000  | 253.467    | 8132123.12   | 0.9910  | P        | 3.2 |
| 4 | <input type="checkbox"/> | 625.000  | 608.940    | 19793001.71  | 2.3802  | A        | 1.5 |
| 5 | <input type="checkbox"/> | 1250.000 | 1224.820   | 39000915.98  | 4.7870  | A        | 0.6 |
| 6 | <input type="checkbox"/> | 2500.000 | 2462.691   | 77144355.31  | 9.6245  | A        | 0.5 |
| 7 | <input type="checkbox"/> | 5000.000 | 5026.784   | 153819632.14 | 19.6448 | A        | 4.7 |
| 8 | <input type="checkbox"/> |          |            | 89646.20     | 0.0119  | P        | 2.7 |

$$y = 0.0039 * x + 5.0257E-004$$

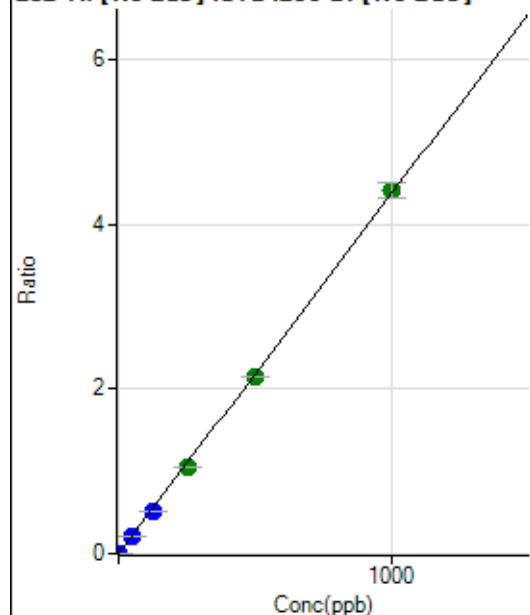
$$R = 0.9999$$

$$DL = 0.01288$$

$$BEC = 0.1286$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 192.60      | 0.0000 | P   | 3.9  |
| 2 | <input type="checkbox"/> | 1.000    | 0.000      | 192.60      | 0.0000 | P   | 28.8 |
| 3 | <input type="checkbox"/> | 50.000   | 48.667     | 1744877.94  | 0.2126 | P   | 2.5  |
| 4 | <input type="checkbox"/> | 125.000  | 117.097    | 4253872.26  | 0.5115 | P   | 1.4  |
| 5 | <input type="checkbox"/> | 250.000  | 239.625    | 8528248.28  | 1.0468 | A   | 1.5  |
| 6 | <input type="checkbox"/> | 500.000  | 491.040    | 17193457.91 | 2.1450 | A   | 0.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 1008.129   | 34487873.69 | 4.4038 | A   | 4.1  |
| 8 | <input type="checkbox"/> |          |            | 2885.58     | 0.0004 | P   | 32.0 |

$$y = 0.0044 * x + 2.3081E-005$$

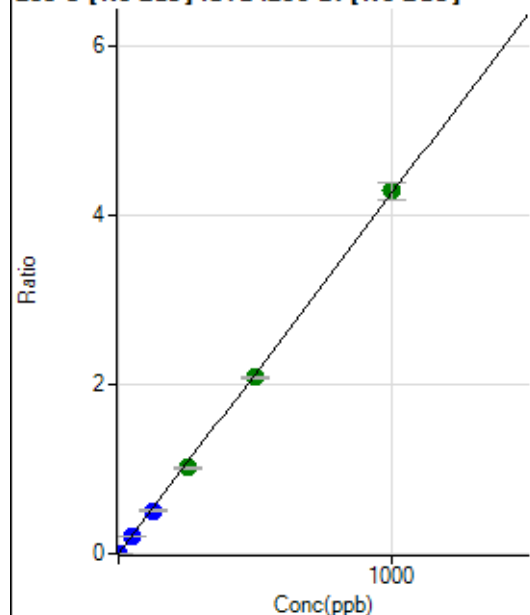
$$R = 0.9999$$

$$DL = 0.0006142$$

$$BEC = 0.005284$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD   |
|---|--------------------------|----------|------------|-------------|--------|-----|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 19.45       | 0.0000 | P   | 108.4 |
| 2 | <input type="checkbox"/> | 1.000    | 0.996      | 35657.45    | 0.0042 | P   | 1.1   |
| 3 | <input type="checkbox"/> | 50.000   | 49.466     | 1729439.49  | 0.2107 | P   | 2.8   |
| 4 | <input type="checkbox"/> | 125.000  | 119.879    | 4247199.57  | 0.5107 | P   | 1.2   |
| 5 | <input type="checkbox"/> | 250.000  | 238.204    | 8268045.06  | 1.0148 | A   | 1.3   |
| 6 | <input type="checkbox"/> | 500.000  | 491.287    | 16776856.10 | 2.0930 | A   | 1.0   |
| 7 | <input type="checkbox"/> | 1000.000 | 1007.972   | 33623646.93 | 4.2943 | A   | 4.8   |
| 8 | <input type="checkbox"/> |          |            | 3633.93     | 0.0005 | P   | 11.6  |

$$y = 0.0043 * x + 2.3400E-006$$

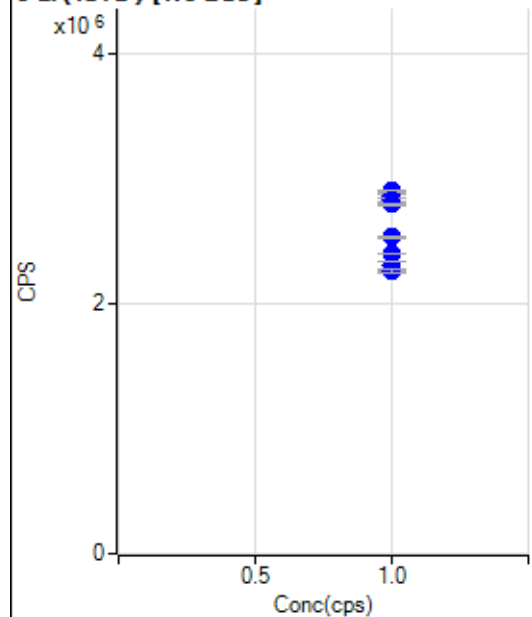
$$R = 0.9999$$

$$DL = 0.001786$$

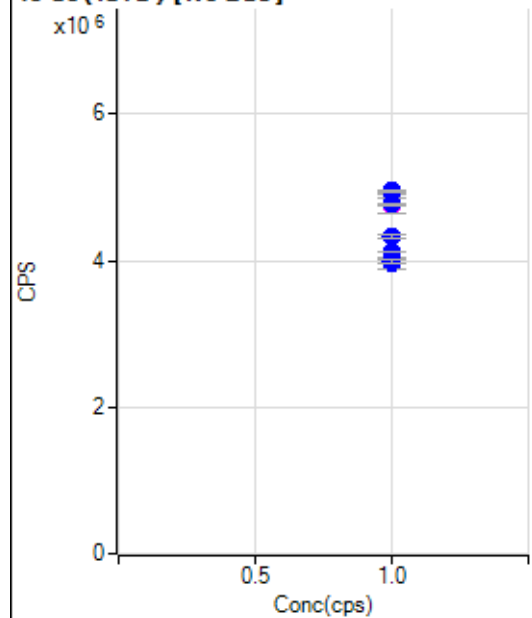
$$BEC = 0.0005493$$

Weight: &lt;None&gt;

Min Conc: 0

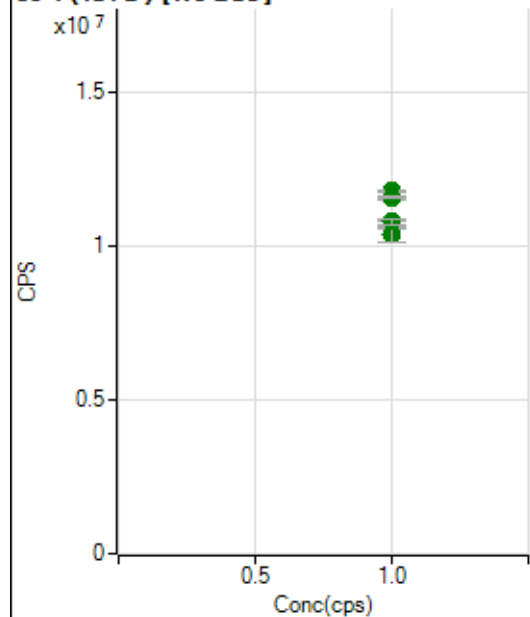
**6 Li (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2868493.46 |       | P    | 1.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2903397.91 |       | P    | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2835295.76 |       | P    | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2794599.23 |       | P    | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2533212.29 |       | P    | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2405423.49 |       | P    | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2301462.92 |       | P    | 3.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2263411.98 |       | P    | 1.2 |

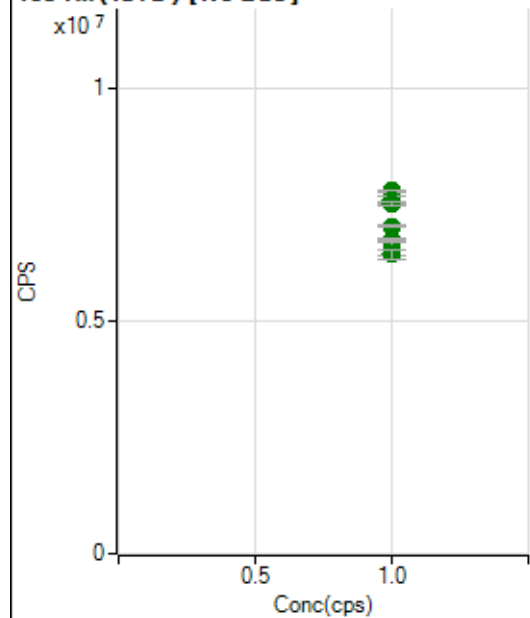
**45 Sc (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|------------|-------|------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4920795.24 |       | P    | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4950270.41 |       | P    | 0.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4756819.02 |       | M    | 4.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4770130.66 |       | P    | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4327776.98 |       | P    | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4116385.98 |       | P    | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3959611.12 |       | P    | 4.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3983241.36 |       | P    | 1.6 |

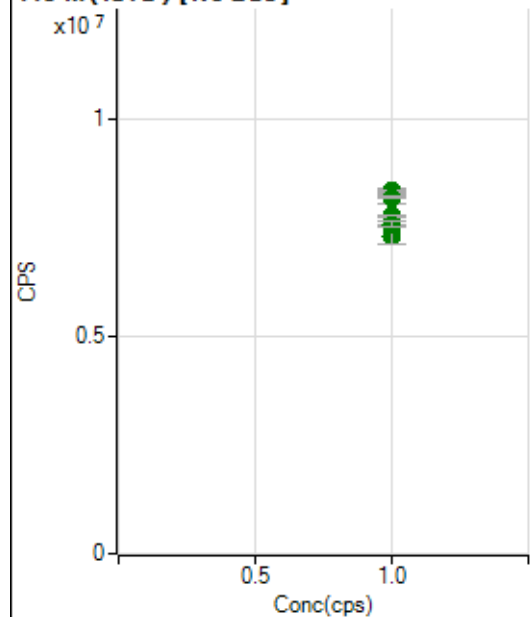


**89 Y(ISTD) [No Gas]**

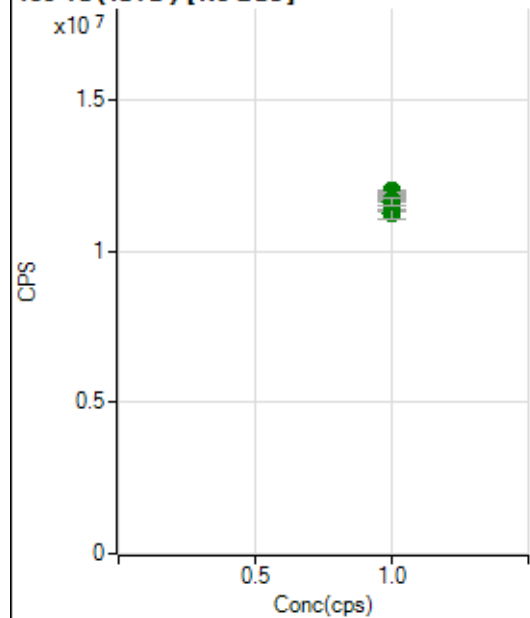
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11762218.85 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 11778238.57 |       | A        | 0.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 11614098.86 |       | A        | 2.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11571708.30 |       | A        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10809242.06 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10556511.99 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10389356.86 |       | A        | 5.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10780441.79 |       | A        | 1.9 |

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

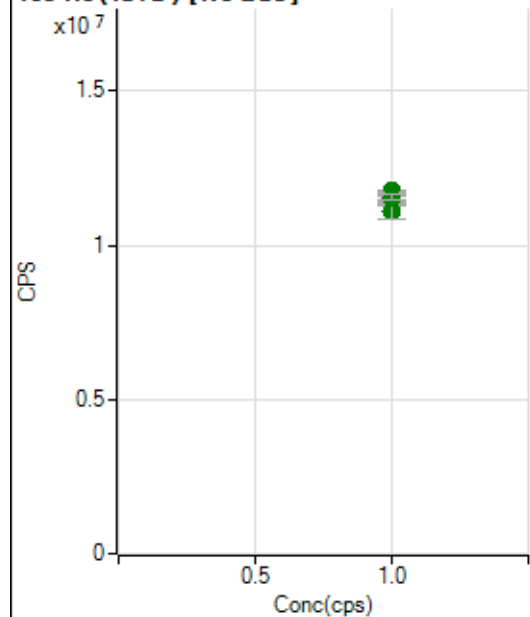
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7693213.36 |       | A        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 7792258.49 |       | A        | 0.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 7586878.29 |       | A        | 2.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7521969.96 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7027320.10 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6736148.72 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6545237.89 |       | A        | 4.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6437726.99 |       | A        | 3.2 |

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

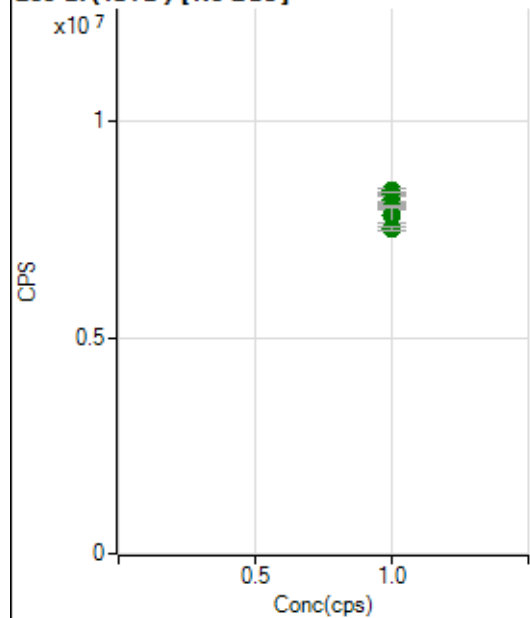
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8356514.52 |       | A        | 1.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 8342697.67 |       | A        | 0.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 8184585.94 |       | A        | 2.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8216019.76 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7774042.53 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7541666.74 |       | A        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7319060.27 |       | A        | 5.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7594983.33 |       | A        | 1.8 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11908335.52 |       | A        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 12006845.93 |       | A        | 0.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 11786798.16 |       | A        | 2.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11933090.10 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 11713611.91 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11369179.14 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 11280886.08 |       | A        | 4.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 11658113.30 |       | A        | 2.1 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11677389.83 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 11760943.16 |       | A        | 0.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 11465758.72 |       | A        | 2.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11709168.02 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 11451722.19 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11272098.03 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 11083640.95 |       | A        | 4.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 11561156.50 |       | A        | 1.9 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8343426.82 |       | A        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 8399794.74 |       | A        | 1.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 8211110.92 |       | A        | 3.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8316341.33 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8147255.23 |       | A        | 0.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8015275.51 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7841345.64 |       | A        | 4.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7524738.29 |       | A        | 1.5 |

US EPA Tune Check Sample Report

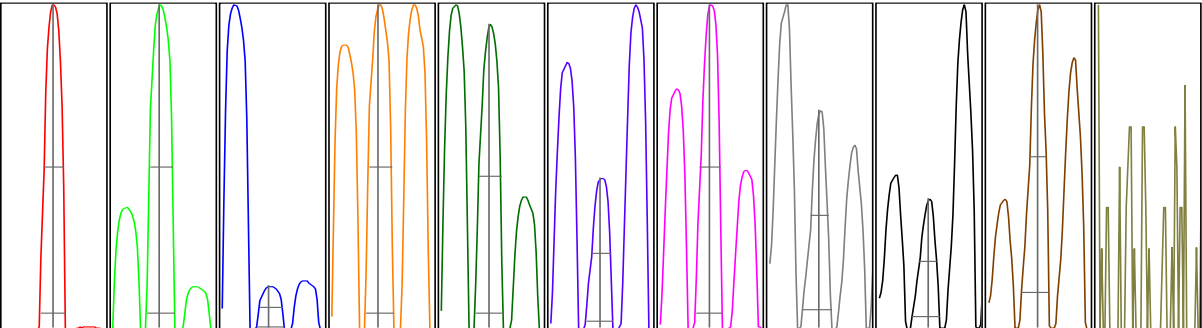
Batch Folder C:\Agilent\ICPMH\1\DATA\DWP7072721MS.b  
Report Comment  
Instrument Name G8403A JP14410463

[No Gas]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) | RSD%<br>(Flag) |
|------|-----------------|------------------|--------------------|----------------|
| 9    | 7385            | 0.26             | 5.00               |                |
| 24   | 87466           | 0.33             | 5.00               |                |
| 25   | 11581           | 0.46             | 5.00               |                |
| 26   | 13024           | 0.49             | 5.00               |                |
| 59   | 17303           | 0.57             | 5.00               |                |
| 113  | 11065           | 0.47             | 5.00               |                |
| 115  | 32160           | 0.82             | 5.00               |                |
| 206  | 18192           | 0.51             | 5.00               |                |
| 207  | 15773           | 0.72             | 5.00               |                |
| 208  | 38085           | 0.74             | 5.00               |                |
| 220  | 0               | 55.90            |                    |                |

|      | Replicate 1 | Replicate 2 | Replicate 3 | Replicate 4 | Replicate 5 |
|------|-------------|-------------|-------------|-------------|-------------|
| Mass | Count       | Count       | Count       | Count       | Count       |
| 9    | 7405        | 7382        | 7378        | 7359        | 7403        |
| 24   | 87810       | 87571       | 87398       | 87533       | 87015       |
| 25   | 11620       | 11621       | 11615       | 11511       | 11535       |
| 26   | 13129       | 13033       | 13008       | 12974       | 12976       |
| 59   | 17403       | 17414       | 17255       | 17200       | 17246       |
| 113  | 11145       | 11088       | 11040       | 11023       | 11028       |
| 115  | 32498       | 32334       | 32116       | 32030       | 31821       |
| 206  | 18326       | 18159       | 18075       | 18179       | 18222       |
| 207  | 15936       | 15760       | 15696       | 15826       | 15645       |
| 208  | 38569       | 38035       | 37969       | 38015       | 37838       |
| 220  | 0           | 0           | 0           | 0           | 0           |

Integration Time [sec] = 0.1



| Mass | Peak<br>Height | Axis<br>(Actual) | Axis<br>(Required) | Axis<br>(Flag) | Width-X%<br>(Actual) | Width-X%<br>(Required) | Width-<br>X%<br>(Flag) |
|------|----------------|------------------|--------------------|----------------|----------------------|------------------------|------------------------|
| 9    | 13146          | 9.00             | 8.9 - 9.1          |                | 0.735                | 0.900                  |                        |
| 24   | 138737         | 23.90            | 23.9 - 24.1        |                | 0.824                | 0.900                  |                        |
| 25   | 18208          | 24.90            | 24.9 - 25.1        |                | 0.792                | 0.900                  |                        |
| 26   | 20777          | 25.90            | 25.9 - 26.1        |                | 0.826                | 0.900                  |                        |
| 59   | 29165          | 58.95            | 58.9 - 59.1        |                | 0.821                | 0.900                  |                        |
| 113  | 19731          | 113.00           | 112.9 - 113.1      |                | 0.784                | 0.900                  |                        |
| 115  | 57313          | 115.00           | 114.9 - 115.1      |                | 0.781                | 0.900                  |                        |
| 206  | 35113          | 206.00           | 205.9 - 206.1      |                | 0.825                | 0.900                  |                        |
| 207  | 29582          | 207.00           | 206.9 - 207.1      |                | 0.787                | 0.900                  |                        |
| 208  | 73832          | 208.00           | 207.9 - 208.1      |                | 0.789                | 0.900                  |                        |
| 220  |                |                  | -                  |                |                      |                        |                        |

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 256.8 Y Axis = Linear

Tune Parameters

## Plasma Paramters ##

| ParameterName | Value | Unit | ParameterName  | Value | Unit  | ParameterName       | Value | Unit         |
|---------------|-------|------|----------------|-------|-------|---------------------|-------|--------------|
| RF Power      | 1600  | W    | Carrier Gas    | 0.72  | L/min | S/C Temp            |       | 2 °C         |
| RF Matching   | 1.80  | V    | Option Gas     | 0.0   | %     | Gas Switch          |       | Dilution Gas |
| Smpl Depth    | 9.0   | mm   | Nebulizer Pump | 0.10  | rps   | Makeup/Dilution Gas |       | 0.42 L/min   |

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 10.0  | V    | Deflect       | 13.0  | V    |
| Extract 2     | -150.0 | V    | Cell Entrance | -30   | V    | Plate Bias    | -35   | V    |
| Omega Bias    | -90    | V    | Cell Exit     | -50   | V    |               |       |      |

## Cell Parameters ##

| ParameterName | Value | Unit   | ParameterName | Value | Unit | ParameterName         | Value | Unit  |
|---------------|-------|--------|---------------|-------|------|-----------------------|-------|-------|
| Use Gas       | No    |        | OctP Bias     | -8.0  | V    | Energy Discrimination |       | 5.0 V |
| He Flow       | 0.0   | mL/min | OctP RF       | 170   | V    |                       |       |       |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 11:07:59 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-1  | -0.01   | -0.01   | 0.02    | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-1  | -0.11   | 0.01    | 0.10    | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.03    | -0.02   | -0.01   | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | -0.01   | 0.04    | -0.03   | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | -0.14   | -0.07   | 0.21    | 0.00       | N/A     | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.03   | -0.01   | 0.04    | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | -0.52   | -0.03   | 0.55    | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | -0.07   | 0.03    | 0.04    | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | -0.25   | -1.67   | 1.92    | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | 0.03    | 0.62    | -0.64   | 0.00       | N/A     | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chromium   | 52-1  | 0.01    | -0.03   | 0.02    | 0.00       | N/A     | ppb   |
| Cobalt     | 59-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Copper     | 63-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Iron       | 56-1  | 0.70    | -0.25   | -0.45   | 0.00       | N/A     | ppb   |
| Iron       | 57-1  | 2.08    | -2.27   | 0.19    | 0.00       | N/A     | ppb   |
| Iron       | 54-1  |         |         |         |            |         | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-1  | 0.03    | -0.06   | 0.03    | 0.00       | N/A     | ppb   |
| Manganese  | 55-1  | 0.03    | -0.02   | -0.01   | 0.00       | N/A     | ppb   |
| Molybdenum | 94-1  | -0.02   | 0.01    | 0.01    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 11:07:59 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 95-1  | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Nickel     | 60-1  | -0.01   | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Phosphorus | 31-1  | -0.21   | -1.39   | -0.21   | -0.60      |         | ppb   |
| Potassium  | 39-1  | 0.63    | -2.41   | 1.78    | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Selenium   | 77-1  | -0.34   | 0.17    | 0.17    | 0.00       | N/A     | ppb   |
| Selenium   | 78-1  |         |         |         |            |         | ppb   |
| Selenium   | 82-1  | 0.40    | 0.18    | -0.58   | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | -0.19   | 0.09    | 0.10    | 0.00       | N/A     | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sodium     | 23-1  | -0.03   | -0.07   | 0.09    | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | -0.01   | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | 46.38   | 5.50    | 31.49   | 27.79      | 74.46   | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.00    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Thorium    | 232-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Tin        | 118-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | -0.02   | 0.02    | 0.01    | 0.00       | N/A     | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Vanadium   | 51-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Zinc       | 66-1  | -0.01   | 0.03    | -0.02   | 0.00       | N/A     | ppb   |
| Zirconium  | 90-1  | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Zirconium  | 91-1  | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 11:10:41 | DataFile Name :   | 004CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-1  | 21.03   | 21.14   | 20.97   | 21.05      | 0.43    | ppb   |
| Antimony   | 121-1 | 2.18    | 2.28    | 2.07    | 2.17       | 4.68    | ppb   |
| Arsenic    | 75-1  | 1.07    | 0.98    | 1.10    | 1.05       | 6.08    | ppb   |
| Barium     | 135-1 | 11.07   | 11.50   | 11.10   | 11.22      | 2.11    | ppb   |
| Barium     | 137-1 | 11.42   | 11.36   | 11.39   | 11.39      | 0.27    | ppb   |
| Beryllium  | 9-1   | 1.00    | 1.10    | 1.05    | 1.05       | 4.72    | ppb   |
| Bismuth    | 209-1 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 22.98   | 25.00   | 24.56   | 24.18      | 4.41    | ppb   |
| Boron      | 11-1  | 22.65   | 23.73   | 25.68   | 24.02      | 6.39    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 1.14    | 1.38    | 1.04    | 1.19       | 14.74   | ppb   |
| Cadmium    | 106-1 | 1.06    | 2.97    | 0.78    | 1.60       | 74.18   | ppb   |
| Cadmium    | 108-1 | 1.31    | 1.38    | 1.19    | 1.29       | 7.38    | ppb   |
| Calcium    | 43-1  | 511.31  | 527.56  | 533.95  | 524.27     | 2.23    | ppb   |
| Calcium    | 44-1  | 530.10  | 516.71  | 526.57  | 524.46     | 1.32    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chromium   | 52-1  | 2.15    | 2.12    | 2.16    | 2.14       | 1.14    | ppb   |
| Cobalt     | 59-1  | 1.06    | 1.08    | 1.08    | 1.07       | 0.92    | ppb   |
| Copper     | 63-1  | 2.20    | 2.16    | 2.14    | 2.17       | 1.43    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Iron       | 56-1  | 55.63   | 54.32   | 52.43   | 54.13      | 2.98    | ppb   |
| Iron       | 57-1  | 55.42   | 55.89   | 58.20   | 56.50      | 2.63    | ppb   |
| Iron       | 54-1  |         |         |         |            |         | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 1.06    | 1.06    | 1.05    | 1.06       | 0.88    | ppb   |
| Lead       | 207-1 | 1.02    | 1.11    | 1.08    | 1.07       | 4.19    | ppb   |
| Lead       | 208-1 | 1.06    | 1.05    | 1.08    | 1.06       | 1.45    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-1  | 471.91  | 478.09  | 471.09  | 473.70     | 0.81    | ppb   |
| Manganese  | 55-1  | 1.10    | 1.09    | 1.05    | 1.08       | 2.62    | ppb   |
| Molybdenum | 94-1  | 5.33    | 5.37    | 5.47    | 5.39       | 1.30    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 11:10:41 | DataFile Name :   | 004CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 95-1  | 5.29    | 5.56    | 5.47    | 5.44       | 2.58    | ppb   |
| Molybdenum | 96-1  | 5.44    | 5.33    | 5.46    | 5.41       | 1.32    | ppb   |
| Molybdenum | 97-1  | 5.35    | 5.51    | 5.41    | 5.43       | 1.49    | ppb   |
| Molybdenum | 98-1  | 5.37    | 5.56    | 5.43    | 5.45       | 1.78    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Nickel     | 60-1  | 1.18    | 1.15    | 1.17    | 1.16       | 1.14    | ppb   |
| Phosphorus | 31-1  | 1.17    | -1.18   | 1.82    | 0.60       | 261.04  | ppb   |
| Potassium  | 39-1  | 468.66  | 461.86  | 467.57  | 466.03     | 0.78    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Selenium   | 77-1  | 5.31    | 6.18    | 5.70    | 5.73       | 7.59    | ppb   |
| Selenium   | 78-1  |         |         |         |            |         | ppb   |
| Selenium   | 82-1  | 5.37    | 5.91    | 6.12    | 5.80       | 6.63    | ppb   |
| Silicon    | 28-1  | 8.06    | 8.05    | 8.14    | 8.08       | 0.59    | ppb   |
| Silver     | 107-1 | 1.15    | 1.21    | 1.16    | 1.17       | 2.81    | ppb   |
| Silver     | 109-1 | 1.17    | 1.24    | 1.18    | 1.20       | 3.01    | ppb   |
| Sodium     | 23-1  | 494.57  | 501.75  | 498.14  | 498.15     | 0.72    | ppb   |
| Strontium  | 86-1  | 1.08    | 1.14    | 1.03    | 1.08       | 4.99    | ppb   |
| Strontium  | 88-1  | 1.08    | 1.09    | 1.12    | 1.10       | 1.67    | ppb   |
| Sulfur     | 34-1  | 5.08    | -51.98  | -36.47  | -27.79     |         | ppb   |
| Terbium    | 159-1 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 1.06    | 1.00    | 1.02    | 1.03       | 2.76    | ppb   |
| Thallium   | 205-1 | 1.06    | 1.02    | 1.10    | 1.06       | 3.79    | ppb   |
| Thorium    | 232-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | 5.50    | 5.76    | 5.53    | 5.60       | 2.48    | ppb   |
| Titanium   | 47-1  | 5.23    | 5.32    | 5.26    | 5.27       | 0.87    | ppb   |
| Uranium    | 238-1 | 0.99    | 0.99    | 1.01    | 1.00       | 1.12    | ppb   |
| Vanadium   | 51-1  | 5.39    | 5.40    | 5.28    | 5.36       | 1.25    | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Zinc       | 66-1  | 2.86    | 2.91    | 2.95    | 2.90       | 1.52    | ppb   |
| Zirconium  | 90-1  | 0.99    | 1.07    | 1.07    | 1.04       | 4.29    | ppb   |
| Zirconium  | 91-1  | 1.01    | 1.03    | 1.05    | 1.03       | 2.16    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 11:13:24 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-1  | 1020.92 | 941.16  | 933.98  | 965.35     | 5.00    | ppb   |
| Antimony   | 121-1 | 55.73   | 54.06   | 52.50   | 54.09      | 2.98    | ppb   |
| Arsenic    | 75-1  | 56.03   | 55.49   | 54.02   | 55.18      | 1.88    | ppb   |
| Barium     | 135-1 | 280.24  | 270.71  | 264.20  | 271.72     | 2.97    | ppb   |
| Barium     | 137-1 | 282.13  | 274.25  | 267.81  | 274.73     | 2.61    | ppb   |
| Beryllium  | 9-1   | 52.61   | 51.30   | 50.76   | 51.56      | 1.85    | ppb   |
| Bismuth    | 209-1 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 46.70   | 48.61   | 50.94   | 48.75      | 4.36    | ppb   |
| Boron      | 11-1  | 46.67   | 49.23   | 50.71   | 48.87      | 4.18    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 58.42   | 56.46   | 55.11   | 56.67      | 2.94    | ppb   |
| Cadmium    | 106-1 | 58.51   | 57.71   | 55.86   | 57.36      | 2.37    | ppb   |
| Cadmium    | 108-1 | 56.97   | 54.65   | 52.78   | 54.80      | 3.82    | ppb   |
| Calcium    | 43-1  | 5581.69 | 5099.46 | 5146.04 | 5275.73    | 5.04    | ppb   |
| Calcium    | 44-1  | 5544.22 | 5103.20 | 5046.05 | 5231.16    | 5.21    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chromium   | 52-1  | 55.18   | 50.66   | 50.62   | 52.16      | 5.02    | ppb   |
| Cobalt     | 59-1  | 56.29   | 51.42   | 50.75   | 52.82      | 5.73    | ppb   |
| Copper     | 63-1  | 565.99  | 516.40  | 517.88  | 533.43     | 5.29    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 98         |         | %     |
| Indium     | 115-1 |         |         |         | 98         |         | %     |
| Iron       | 56-1  | 2704.64 | 2475.34 | 2441.77 | 2540.58    | 5.63    | ppb   |
| Iron       | 57-1  | 2826.57 | 2598.14 | 2571.20 | 2665.31    | 5.26    | ppb   |
| Iron       | 54-1  |         |         |         |            |         | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 263.40  | 251.20  | 244.99  | 253.20     | 3.70    | ppb   |
| Lead       | 207-1 | 262.15  | 253.25  | 245.95  | 253.78     | 3.20    | ppb   |
| Lead       | 208-1 | 262.15  | 251.84  | 246.42  | 253.47     | 3.15    | ppb   |
| Lithium    | 6-1   |         |         |         | 99         |         | %     |
| Magnesium  | 24-1  | 5158.60 | 4777.40 | 4707.15 | 4881.05    | 4.98    | ppb   |
| Manganese  | 55-1  | 525.75  | 488.76  | 482.18  | 498.90     | 4.71    | ppb   |
| Molybdenum | 94-1  | 270.87  | 265.25  | 260.11  | 265.41     | 2.03    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 11:13:24 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 95-1  | 271.14  | 263.76  | 259.06  | 264.65     | 2.30    | ppb   |
| Molybdenum | 96-1  | 271.18  | 263.82  | 257.33  | 264.11     | 2.62    | ppb   |
| Molybdenum | 97-1  | 268.68  | 263.01  | 259.98  | 263.89     | 1.67    | ppb   |
| Molybdenum | 98-1  | 270.79  | 264.04  | 258.52  | 264.45     | 2.32    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Nickel     | 60-1  | 57.96   | 53.49   | 52.83   | 54.76      | 5.10    | ppb   |
| Phosphorus | 31-1  | 1154.47 | 1051.34 | 1066.27 | 1090.69    | 5.11    | ppb   |
| Potassium  | 39-1  | 2592.35 | 2390.54 | 2359.48 | 2447.46    | 5.17    | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 97         |         | %     |
| Selenium   | 77-1  | 59.12   | 57.84   | 55.94   | 57.63      | 2.77    | ppb   |
| Selenium   | 78-1  |         |         |         |            |         | ppb   |
| Selenium   | 82-1  | 56.11   | 54.63   | 52.74   | 54.49      | 3.10    | ppb   |
| Silicon    | 28-1  | 52.31   | 48.51   | 49.57   | 50.13      | 3.91    | ppb   |
| Silver     | 107-1 | 59.22   | 57.34   | 55.81   | 57.46      | 2.97    | ppb   |
| Silver     | 109-1 | 59.51   | 57.80   | 55.95   | 57.75      | 3.08    | ppb   |
| Sodium     | 23-1  | 5262.60 | 4846.62 | 4796.75 | 4968.66    | 5.15    | ppb   |
| Strontium  | 86-1  | 546.62  | 527.51  | 520.57  | 531.57     | 2.54    | ppb   |
| Strontium  | 88-1  | 524.90  | 506.10  | 493.74  | 508.25     | 3.09    | ppb   |
| Sulfur     | 34-1  | 2349.33 | 1123.30 | 1064.23 | 1512.29    | 47.97   | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Thallium   | 203-1 | 53.46   | 51.26   | 50.28   | 51.67      | 3.15    | ppb   |
| Thallium   | 205-1 | 53.73   | 50.91   | 50.29   | 51.64      | 3.56    | ppb   |
| Thorium    | 232-1 | 50.00   | 48.44   | 47.56   | 48.67      | 2.54    | ppb   |
| Tin        | 118-1 | 56.90   | 54.45   | 53.81   | 55.05      | 2.96    | ppb   |
| Titanium   | 47-1  | 272.83  | 254.43  | 254.61  | 260.62     | 4.06    | ppb   |
| Uranium    | 238-1 | 50.99   | 49.14   | 48.27   | 49.47      | 2.80    | ppb   |
| Vanadium   | 51-1  | 54.74   | 50.85   | 49.81   | 51.80      | 5.02    | ppb   |
| Yttrium    | 89-1  |         |         |         | 99         |         | %     |
| Zinc       | 66-1  | 558.28  | 513.49  | 511.07  | 527.61     | 5.04    | ppb   |
| Zirconium  | 90-1  | 53.96   | 52.92   | 51.70   | 52.86      | 2.14    | ppb   |
| Zirconium  | 91-1  | 53.37   | 52.52   | 50.87   | 52.25      | 2.43    | ppb   |

LB Number : LB115569 Operator : JASWAL  
 Lab Sample ID : S4 Instrumnet Name : P7  
 Client Sample ID : S4 Dilution Factor : 1  
 Date & Time Acquired :: 2021-07-27 11:16:08 DataFile Name : 006CAL.S.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-1  | 2285.68  | 2296.81  | 2309.92  | 2297.47    | 0.53    | ppb   |
| Antimony   | 121-1 | 129.50   | 130.80   | 127.81   | 129.37     | 1.16    | ppb   |
| Arsenic    | 75-1  | 130.21   | 130.82   | 131.33   | 130.78     | 0.43    | ppb   |
| Barium     | 135-1 | 650.08   | 656.19   | 643.21   | 649.83     | 1.00    | ppb   |
| Barium     | 137-1 | 653.04   | 661.57   | 638.89   | 651.16     | 1.76    | ppb   |
| Beryllium  | 9-1   | 125.93   | 124.31   | 124.80   | 125.02     | 0.67    | ppb   |
| Bismuth    | 209-1 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 113.83   | 118.21   | 121.90   | 117.98     | 3.42    | ppb   |
| Boron      | 11-1  | 112.50   | 119.81   | 124.75   | 119.02     | 5.18    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 133.58   | 135.77   | 131.60   | 133.65     | 1.56    | ppb   |
| Cadmium    | 106-1 | 131.92   | 134.40   | 131.52   | 132.62     | 1.18    | ppb   |
| Cadmium    | 108-1 | 131.90   | 131.98   | 133.10   | 132.33     | 0.51    | ppb   |
| Calcium    | 43-1  | 12389.71 | 12341.52 | 12463.67 | 12398.30   | 0.50    | ppb   |
| Calcium    | 44-1  | 12340.03 | 12373.26 | 12434.61 | 12382.63   | 0.39    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chromium   | 52-1  | 122.59   | 121.66   | 122.92   | 122.39     | 0.54    | ppb   |
| Cobalt     | 59-1  | 121.77   | 122.71   | 124.07   | 122.85     | 0.94    | ppb   |
| Copper     | 63-1  | 1228.92  | 1242.70  | 1237.25  | 1236.29    | 0.56    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 98         |         | %     |
| Iron       | 56-1  | 5990.78  | 5994.70  | 6050.84  | 6012.11    | 0.56    | ppb   |
| Iron       | 57-1  | 6212.12  | 6243.52  | 6278.73  | 6244.79    | 0.53    | ppb   |
| Iron       | 54-1  |          |          |          |            |         | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 603.87   | 604.43   | 610.63   | 606.31     | 0.62    | ppb   |
| Lead       | 207-1 | 600.96   | 605.26   | 618.51   | 608.24     | 1.50    | ppb   |
| Lead       | 208-1 | 602.46   | 604.74   | 619.62   | 608.94     | 1.53    | ppb   |
| Lithium    | 6-1   |          |          |          | 97         |         | %     |
| Magnesium  | 24-1  | 11574.89 | 11584.16 | 11833.20 | 11664.08   | 1.26    | ppb   |
| Manganese  | 55-1  | 1171.43  | 1159.68  | 1181.63  | 1170.92    | 0.94    | ppb   |
| Molybdenum | 94-1  | 637.82   | 639.50   | 641.39   | 639.57     | 0.28    | ppb   |

LB Number : LB115569 Operator : JASWAL  
 Lab Sample ID : S4 Instrumnet Name : P7  
 Client Sample ID : S4 Dilution Factor : 1  
 Date & Time Acquired :: 2021-07-27 11:16:08 DataFile Name : 006CALS.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 95-1  | 630.21   | 636.68   | 640.68   | 635.86     | 0.83    | ppb   |
| Molybdenum | 96-1  | 627.30   | 637.28   | 639.68   | 634.75     | 1.03    | ppb   |
| Molybdenum | 97-1  | 634.43   | 635.84   | 635.63   | 635.30     | 0.12    | ppb   |
| Molybdenum | 98-1  | 634.38   | 635.56   | 634.86   | 634.93     | 0.09    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Nickel     | 60-1  | 127.95   | 127.82   | 129.02   | 128.26     | 0.51    | ppb   |
| Phosphorus | 31-1  | 2554.37  | 2558.22  | 2571.58  | 2561.39    | 0.35    | ppb   |
| Potassium  | 39-1  | 5776.67  | 5728.15  | 5815.77  | 5773.53    | 0.76    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Selenium   | 77-1  | 126.92   | 126.11   | 130.11   | 127.71     | 1.66    | ppb   |
| Selenium   | 78-1  |          |          |          |            |         | ppb   |
| Selenium   | 82-1  | 130.64   | 130.74   | 131.70   | 131.03     | 0.45    | ppb   |
| Silicon    | 28-1  | 113.32   | 120.37   | 124.83   | 119.51     | 4.85    | ppb   |
| Silver     | 107-1 | 136.15   | 137.05   | 134.51   | 135.90     | 0.95    | ppb   |
| Silver     | 109-1 | 138.48   | 137.12   | 135.13   | 136.91     | 1.23    | ppb   |
| Sodium     | 23-1  | 11671.34 | 11695.95 | 11899.04 | 11755.44   | 1.06    | ppb   |
| Strontium  | 86-1  | 1265.49  | 1268.81  | 1272.29  | 1268.87    | 0.27    | ppb   |
| Strontium  | 88-1  | 1205.80  | 1223.83  | 1231.23  | 1220.28    | 1.07    | ppb   |
| Sulfur     | 34-1  | 2446.57  | 2380.06  | 2683.27  | 2503.30    | 6.37    | ppb   |
| Terbium    | 159-1 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 123.50   | 122.95   | 126.01   | 124.15     | 1.31    | ppb   |
| Thallium   | 205-1 | 122.97   | 122.98   | 125.46   | 123.80     | 1.16    | ppb   |
| Thorium    | 232-1 | 115.52   | 116.95   | 118.82   | 117.10     | 1.41    | ppb   |
| Tin        | 118-1 | 130.94   | 132.68   | 130.55   | 131.39     | 0.86    | ppb   |
| Titanium   | 47-1  | 613.22   | 613.43   | 619.39   | 615.35     | 0.57    | ppb   |
| Uranium    | 238-1 | 118.35   | 120.01   | 121.27   | 119.88     | 1.22    | ppb   |
| Vanadium   | 51-1  | 122.08   | 122.03   | 121.78   | 121.96     | 0.13    | ppb   |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Zinc       | 66-1  | 1226.44  | 1229.90  | 1245.58  | 1233.97    | 0.83    | ppb   |
| Zirconium  | 90-1  | 128.33   | 128.55   | 128.24   | 128.37     | 0.12    | ppb   |
| Zirconium  | 91-1  | 126.40   | 127.04   | 127.10   | 126.84     | 0.30    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB115569            | Operator :        | JASWAL     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2021-07-27 11:21:34 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-1  | 4652.40  | 4683.48  | 4690.99  | 4675.62    | 0.44    | ppb   |
| Antimony   | 121-1 | 247.52   | 249.26   | 249.98   | 248.92     | 0.51    | ppb   |
| Arsenic    | 75-1  | 259.96   | 257.97   | 257.40   | 258.44     | 0.52    | ppb   |
| Barium     | 135-1 | 1240.10  | 1241.58  | 1252.65  | 1244.78    | 0.55    | ppb   |
| Barium     | 137-1 | 1259.35  | 1243.17  | 1263.10  | 1255.21    | 0.84    | ppb   |
| Beryllium  | 9-1   | 246.57   | 251.31   | 249.69   | 249.19     | 0.97    | ppb   |
| Bismuth    | 209-1 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 225.47   | 249.79   | 260.39   | 245.21     | 7.30    | ppb   |
| Boron      | 11-1  | 229.10   | 248.41   | 262.03   | 246.51     | 6.71    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 254.75   | 257.99   | 257.21   | 256.65     | 0.66    | ppb   |
| Cadmium    | 106-1 | 252.05   | 255.52   | 254.80   | 254.12     | 0.72    | ppb   |
| Cadmium    | 108-1 | 247.60   | 261.48   | 256.61   | 255.23     | 2.76    | ppb   |
| Calcium    | 43-1  | 24952.50 | 25164.63 | 24893.53 | 25003.55   | 0.57    | ppb   |
| Calcium    | 44-1  | 22865.68 | 22775.54 | 22626.33 | 22755.85   | 0.53    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chromium   | 52-1  | 243.51   | 246.31   | 245.29   | 245.04     | 0.58    | ppb   |
| Cobalt     | 59-1  | 244.26   | 247.11   | 245.46   | 245.61     | 0.58    | ppb   |
| Copper     | 63-1  | 2449.98  | 2511.81  | 2464.53  | 2475.44    | 1.31    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 93         |         | %     |
| Iron       | 56-1  | 12050.31 | 12324.76 | 12254.94 | 12210.00   | 1.17    | ppb   |
| Iron       | 57-1  | 12510.38 | 12658.07 | 12631.07 | 12599.84   | 0.62    | ppb   |
| Iron       | 54-1  |          |          |          |            |         | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 1215.66  | 1210.03  | 1226.57  | 1217.42    | 0.69    | ppb   |
| Lead       | 207-1 | 1230.02  | 1227.93  | 1238.18  | 1232.05    | 0.44    | ppb   |
| Lead       | 208-1 | 1217.89  | 1224.91  | 1231.65  | 1224.82    | 0.56    | ppb   |
| Lithium    | 6-1   |          |          |          | 88         |         | %     |
| Magnesium  | 24-1  | 23387.27 | 23898.95 | 23903.26 | 23729.83   | 1.25    | ppb   |
| Manganese  | 55-1  | 2378.99  | 2424.72  | 2409.71  | 2404.47    | 0.97    | ppb   |
| Molybdenum | 94-1  | 1268.05  | 1279.13  | 1272.09  | 1273.09    | 0.44    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 11:21:34 | DataFile Name :   | 008CALS.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 95-1  | 1257.23  | 1267.69  | 1262.62  | 1262.51    | 0.41    | ppb   |
| Molybdenum | 96-1  | 1272.05  | 1276.24  | 1263.30  | 1270.53    | 0.52    | ppb   |
| Molybdenum | 97-1  | 1272.00  | 1271.59  | 1260.07  | 1267.88    | 0.53    | ppb   |
| Molybdenum | 98-1  | 1224.75  | 1230.14  | 1225.00  | 1226.63    | 0.25    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Nickel     | 60-1  | 252.59   | 255.99   | 254.74   | 254.44     | 0.68    | ppb   |
| Phosphorus | 31-1  | 5082.74  | 5073.10  | 5105.53  | 5087.12    | 0.33    | ppb   |
| Potassium  | 39-1  | 11661.24 | 11821.99 | 11786.88 | 11756.70   | 0.72    | ppb   |
| Rhodium    | 103-1 |          |          |          | 91         |         | %     |
| Scandium   | 45-1  |          |          |          | 88         |         | %     |
| Selenium   | 77-1  | 263.09   | 259.55   | 263.54   | 262.06     | 0.83    | ppb   |
| Selenium   | 78-1  |          |          |          |            |         | ppb   |
| Selenium   | 82-1  | 256.72   | 259.80   | 258.26   | 258.26     | 0.60    | ppb   |
| Silicon    | 28-1  | 233.09   | 250.63   | 256.81   | 246.85     | 4.99    | ppb   |
| Silver     | 107-1 | 258.24   | 260.38   | 257.91   | 258.84     | 0.52    | ppb   |
| Silver     | 109-1 | 256.88   | 258.42   | 258.48   | 257.93     | 0.35    | ppb   |
| Sodium     | 23-1  | 23561.90 | 23758.42 | 24058.32 | 23792.88   | 1.05    | ppb   |
| Strontium  | 86-1  | 2512.92  | 2520.35  | 2517.91  | 2517.06    | 0.15    | ppb   |
| Strontium  | 88-1  | 2435.13  | 2425.88  | 2462.01  | 2441.01    | 0.77    | ppb   |
| Sulfur     | 34-1  | 4595.88  | 4775.29  | 4808.16  | 4726.44    | 2.42    | ppb   |
| Terbium    | 159-1 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 246.01   | 248.71   | 248.95   | 247.89     | 0.66    | ppb   |
| Thallium   | 205-1 | 244.67   | 247.94   | 246.22   | 246.28     | 0.66    | ppb   |
| Thorium    | 232-1 | 236.17   | 239.36   | 243.34   | 239.62     | 1.50    | ppb   |
| Tin        | 118-1 | 250.55   | 253.60   | 253.37   | 252.51     | 0.67    | ppb   |
| Titanium   | 47-1  | 1223.12  | 1233.06  | 1225.37  | 1227.18    | 0.42    | ppb   |
| Uranium    | 238-1 | 235.30   | 237.89   | 241.43   | 238.20     | 1.29    | ppb   |
| Vanadium   | 51-1  | 241.79   | 245.21   | 242.39   | 243.13     | 0.75    | ppb   |
| Yttrium    | 89-1  |          |          |          | 92         |         | %     |
| Zinc       | 66-1  | 2449.76  | 2503.91  | 2471.87  | 2475.18    | 1.10    | ppb   |
| Zirconium  | 90-1  | 253.57   | 251.89   | 252.90   | 252.79     | 0.34    | ppb   |
| Zirconium  | 91-1  | 251.52   | 253.27   | 252.12   | 252.30     | 0.35    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB115569            | Operator :        | JASWAL     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2021-07-27 11:24:17 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-1  | 9408.03  | 9434.02  | 9464.43  | 9435.49    | 0.30    | ppb   |
| Antimony   | 121-1 | 500.52   | 496.42   | 498.29   | 498.41     | 0.41    | ppb   |
| Arsenic    | 75-1  | 499.23   | 507.12   | 503.67   | 503.34     | 0.79    | ppb   |
| Barium     | 135-1 | 2490.96  | 2480.43  | 2524.67  | 2498.69    | 0.92    | ppb   |
| Barium     | 137-1 | 2479.99  | 2491.90  | 2504.15  | 2492.02    | 0.48    | ppb   |
| Beryllium  | 9-1   | 497.85   | 497.94   | 500.78   | 498.86     | 0.33    | ppb   |
| Bismuth    | 209-1 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 465.73   | 495.30   | 509.75   | 490.26     | 4.58    | ppb   |
| Boron      | 11-1  | 470.13   | 490.53   | 508.44   | 489.70     | 3.91    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 507.22   | 506.25   | 511.59   | 508.35     | 0.56    | ppb   |
| Cadmium    | 106-1 | 506.80   | 508.91   | 502.30   | 506.00     | 0.67    | ppb   |
| Cadmium    | 108-1 | 508.38   | 500.34   | 506.75   | 505.16     | 0.84    | ppb   |
| Calcium    | 43-1  | 49978.23 | 50248.88 | 50471.85 | 50232.99   | 0.49    | ppb   |
| Calcium    | 44-1  | 46214.45 | 46483.20 | 46476.17 | 46391.27   | 0.33    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chromium   | 52-1  | 490.53   | 487.90   | 493.45   | 490.63     | 0.57    | ppb   |
| Cobalt     | 59-1  | 490.02   | 490.43   | 493.47   | 491.31     | 0.38    | ppb   |
| Copper     | 63-1  | 4943.53  | 4949.37  | 4905.52  | 4932.81    | 0.48    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 97         |         | %     |
| Indium     | 115-1 |          |          |          | 90         |         | %     |
| Iron       | 56-1  | 24816.37 | 24890.74 | 24936.55 | 24881.22   | 0.24    | ppb   |
| Iron       | 57-1  | 24558.94 | 24864.87 | 25085.15 | 24836.32   | 1.06    | ppb   |
| Iron       | 54-1  |          |          |          |            |         | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 2449.18  | 2453.54  | 2454.79  | 2452.50    | 0.12    | ppb   |
| Lead       | 207-1 | 2466.17  | 2461.19  | 2486.21  | 2471.19    | 0.54    | ppb   |
| Lead       | 208-1 | 2452.21  | 2460.41  | 2475.45  | 2462.69    | 0.48    | ppb   |
| Lithium    | 6-1   |          |          |          | 84         |         | %     |
| Magnesium  | 24-1  | 47874.05 | 48060.43 | 48274.22 | 48069.57   | 0.42    | ppb   |
| Manganese  | 55-1  | 4898.44  | 4901.50  | 4938.67  | 4912.87    | 0.46    | ppb   |
| Molybdenum | 94-1  | 2464.25  | 2473.22  | 2513.04  | 2483.50    | 1.05    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB115569            | Operator :        | JASWAL     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2021-07-27 11:24:17 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 95-1  | 2427.24  | 2471.58  | 2486.08  | 2461.63    | 1.25    | ppb   |
| Molybdenum | 96-1  | 2431.62  | 2491.22  | 2485.45  | 2469.43    | 1.33    | ppb   |
| Molybdenum | 97-1  | 2484.39  | 2518.79  | 2517.42  | 2506.87    | 0.78    | ppb   |
| Molybdenum | 98-1  | 2431.41  | 2485.96  | 2486.86  | 2468.08    | 1.29    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Nickel     | 60-1  | 500.33   | 504.24   | 501.53   | 502.03     | 0.40    | ppb   |
| Phosphorus | 31-1  | 10164.88 | 10145.68 | 10147.29 | 10152.62   | 0.10    | ppb   |
| Potassium  | 39-1  | 23887.50 | 23854.64 | 24004.62 | 23915.59   | 0.33    | ppb   |
| Rhodium    | 103-1 |          |          |          | 88         |         | %     |
| Scandium   | 45-1  |          |          |          | 84         |         | %     |
| Selenium   | 77-1  | 509.77   | 507.60   | 517.44   | 511.60     | 1.01    | ppb   |
| Selenium   | 78-1  |          |          |          |            |         | ppb   |
| Selenium   | 82-1  | 502.45   | 510.57   | 509.80   | 507.61     | 0.88    | ppb   |
| Silicon    | 28-1  | 478.63   | 508.55   | 521.26   | 502.81     | 4.35    | ppb   |
| Silver     | 107-1 | 508.74   | 505.72   | 509.58   | 508.01     | 0.40    | ppb   |
| Silver     | 109-1 | 510.06   | 503.38   | 510.20   | 507.88     | 0.77    | ppb   |
| Sodium     | 23-1  | 48411.30 | 48455.88 | 48374.89 | 48414.02   | 0.08    | ppb   |
| Strontium  | 86-1  | 4901.94  | 4976.03  | 4951.37  | 4943.11    | 0.76    | ppb   |
| Strontium  | 88-1  | 4879.13  | 4961.84  | 4990.11  | 4943.69    | 1.17    | ppb   |
| Sulfur     | 34-1  | 9684.60  | 9675.69  | 9979.40  | 9779.90    | 1.77    | ppb   |
| Terbium    | 159-1 |          |          |          | 95         |         | %     |
| Thallium   | 203-1 | 497.05   | 493.64   | 493.71   | 494.80     | 0.39    | ppb   |
| Thallium   | 205-1 | 492.59   | 489.19   | 491.63   | 491.14     | 0.36    | ppb   |
| Thorium    | 232-1 | 486.79   | 492.38   | 493.95   | 491.04     | 0.77    | ppb   |
| Tin        | 118-1 | 505.01   | 501.95   | 507.57   | 504.84     | 0.56    | ppb   |
| Titanium   | 47-1  | 2485.02  | 2478.59  | 2486.96  | 2483.52    | 0.18    | ppb   |
| Uranium    | 238-1 | 486.72   | 490.53   | 496.61   | 491.29     | 1.02    | ppb   |
| Vanadium   | 51-1  | 487.85   | 489.56   | 487.86   | 488.42     | 0.20    | ppb   |
| Yttrium    | 89-1  |          |          |          | 90         |         | %     |
| Zinc       | 66-1  | 4944.76  | 4953.12  | 5013.31  | 4970.40    | 0.75    | ppb   |
| Zirconium  | 90-1  | 498.42   | 502.54   | 503.09   | 501.35     | 0.51    | ppb   |
| Zirconium  | 91-1  | 494.09   | 502.42   | 500.66   | 499.06     | 0.88    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB115569            | Operator :        | JASWAL     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2021-07-27 11:27:00 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|----------|------------|---------|-------|
| Aluminium  | 27-1  | 20021.25  | 19396.85  | 18358.55 | 19258.88   | 4.36    | ppb   |
| Antimony   | 121-1 | 1029.04   | 1008.17   | 963.73   | 1000.31    | 3.33    | ppb   |
| Arsenic    | 75-1  | 1057.98   | 993.98    | 933.75   | 995.24     | 6.24    | ppb   |
| Barium     | 135-1 | 5156.23   | 5024.63   | 4812.45  | 4997.77    | 3.47    | ppb   |
| Barium     | 137-1 | 5147.94   | 5046.64   | 4799.96  | 4998.18    | 3.58    | ppb   |
| Beryllium  | 9-1   | 1035.15   | 1005.89   | 961.04   | 1000.69    | 3.73    | ppb   |
| Bismuth    | 209-1 |           |           |          | 94         |         | %     |
| Boron      | 10-1  | 1002.02   | 1016.86   | 1002.20  | 1007.03    | 0.85    | ppb   |
| Boron      | 11-1  | 998.45    | 1019.09   | 1003.00  | 1006.85    | 1.08    | ppb   |
| Bromine    | 81-1  |           |           |          |            |         | cps   |
| Cadmium    | 111-1 | 1030.65   | 1005.51   | 942.07   | 992.75     | 4.60    | ppb   |
| Cadmium    | 106-1 | 1036.49   | 1009.05   | 938.40   | 994.65     | 5.09    | ppb   |
| Cadmium    | 108-1 | 1032.17   | 1008.58   | 944.11   | 994.96     | 4.58    | ppb   |
| Calcium    | 43-1  | 104868.24 | 102518.57 | 96836.18 | 101407.67  | 4.07    | ppb   |
| Calcium    | 44-1  | 98566.29  | 96055.83  | 92122.05 | 95581.39   | 3.40    | ppb   |
| Carbon     | 12-1  |           |           |          |            |         | cps   |
| Chlorine   | 35-1  |           |           |          |            |         | cps   |
| Chromium   | 52-1  | 1044.98   | 1012.70   | 960.76   | 1006.15    | 4.22    | ppb   |
| Cobalt     | 59-1  | 1048.17   | 1009.93   | 958.61   | 1005.57    | 4.47    | ppb   |
| Copper     | 63-1  | 10412.67  | 10063.25  | 9643.43  | 10039.78   | 3.84    | ppb   |
| Dysprosium | 156-1 |           |           |          |            |         | cps   |
| Erbium     | 164-1 |           |           |          |            |         | cps   |
| Gadolinium | 160-1 |           |           |          |            |         | cps   |
| Holmium    | 165-1 |           |           |          | 95         |         | %     |
| Indium     | 115-1 |           |           |          | 88         |         | %     |
| Iron       | 56-1  | 53669.03  | 52480.69  | 49386.08 | 51845.27   | 4.26    | ppb   |
| Iron       | 57-1  | 52740.28  | 51219.93  | 48642.15 | 50867.45   | 4.07    | ppb   |
| Iron       | 54-1  |           |           |          |            |         | ppb   |
| Krypton    | 83-1  |           |           |          |            |         | cps   |
| Lead       | 206-1 | 5246.66   | 5089.80   | 4765.75  | 5034.07    | 4.87    | ppb   |
| Lead       | 207-1 | 5215.06   | 5079.06   | 4768.28  | 5020.80    | 4.56    | ppb   |
| Lead       | 208-1 | 5230.12   | 5081.19   | 4769.05  | 5026.78    | 4.68    | ppb   |
| Lithium    | 6-1   |           |           |          | 80         |         | %     |
| Magnesium  | 24-1  | 102024.02 | 100083.68 | 94352.72 | 98820.14   | 4.04    | ppb   |
| Manganese  | 55-1  | 10476.00  | 10169.33  | 9586.84  | 10077.39   | 4.48    | ppb   |
| Molybdenum | 94-1  | 5248.52   | 5027.63   | 4723.50  | 4999.88    | 5.27    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB115569            | Operator :        | JASWAL     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2021-07-27 11:27:00 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|----------|------------|---------|-------|
| Molybdenum | 95-1  | 5256.86   | 4997.36   | 4787.68  | 5013.96    | 4.69    | ppb   |
| Molybdenum | 96-1  | 5237.45   | 5034.31   | 4752.93  | 5008.23    | 4.86    | ppb   |
| Molybdenum | 97-1  | 5232.37   | 4985.27   | 4752.70  | 4990.11    | 4.81    | ppb   |
| Molybdenum | 98-1  | 5274.49   | 4996.21   | 4788.83  | 5019.84    | 4.85    | ppb   |
| Neodymium  | 150-1 |           |           |          |            |         | cps   |
| Nickel     | 60-1  | 1041.71   | 1003.34   | 946.63   | 997.23     | 4.80    | ppb   |
| Phosphorus | 31-1  | 20640.12  | 19906.77  | 19122.21 | 19889.70   | 3.82    | ppb   |
| Potassium  | 39-1  | 50752.28  | 49212.93  | 47034.46 | 48999.89   | 3.81    | ppb   |
| Rhodium    | 103-1 |           |           |          | 85         |         | %     |
| Scandium   | 45-1  |           |           |          | 80         |         | %     |
| Selenium   | 77-1  | 1054.26   | 983.24    | 933.88   | 990.46     | 6.11    | ppb   |
| Selenium   | 78-1  |           |           |          |            |         | ppb   |
| Selenium   | 82-1  | 1053.17   | 989.75    | 936.53   | 993.15     | 5.88    | ppb   |
| Silicon    | 28-1  | 994.14    | 1021.24   | 984.87   | 1000.08    | 1.89    | ppb   |
| Silver     | 107-1 | 1017.47   | 1005.54   | 953.13   | 992.05     | 3.45    | ppb   |
| Silver     | 109-1 | 1028.43   | 995.00    | 953.17   | 992.20     | 3.80    | ppb   |
| Sodium     | 23-1  | 103028.20 | 100744.07 | 96346.23 | 100039.50  | 3.39    | ppb   |
| Strontium  | 86-1  | 10351.18  | 10079.12  | 9630.42  | 10020.24   | 3.63    | ppb   |
| Strontium  | 88-1  | 10435.74  | 10050.76  | 9652.10  | 10046.20   | 3.90    | ppb   |
| Sulfur     | 34-1  | 21617.45  | 20078.76  | 18761.04 | 20152.41   | 7.09    | ppb   |
| Terbium    | 159-1 |           |           |          | 95         |         | %     |
| Thallium   | 203-1 | 1034.09   | 1009.86   | 965.50   | 1003.15    | 3.47    | ppb   |
| Thallium   | 205-1 | 1043.87   | 1007.43   | 964.98   | 1005.43    | 3.93    | ppb   |
| Thorium    | 232-1 | 1045.01   | 1015.90   | 963.48   | 1008.13    | 4.10    | ppb   |
| Tin        | 118-1 | 1037.31   | 1009.67   | 940.72   | 995.90     | 5.00    | ppb   |
| Titanium   | 47-1  | 5201.57   | 5045.07   | 4797.21  | 5014.62    | 4.07    | ppb   |
| Uranium    | 238-1 | 1048.74   | 1020.12   | 955.06   | 1007.97    | 4.76    | ppb   |
| Vanadium   | 51-1  | 1043.75   | 1017.65   | 961.98   | 1007.79    | 4.14    | ppb   |
| Yttrium    | 89-1  |           |           |          | 88         |         | %     |
| Zinc       | 66-1  | 10345.21  | 10100.03  | 9619.64  | 10021.63   | 3.68    | ppb   |
| Zirconium  | 90-1  | 1050.29   | 995.63    | 948.26   | 998.06     | 5.12    | ppb   |
| Zirconium  | 91-1  | 1053.34   | 999.05    | 946.26   | 999.55     | 5.36    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB115569            | Operator :        | JASWAL     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2021-07-27 11:29:44 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-1  | 99143.46  | 100068.64 | 101466.80 | 100226.30  | 1.17    | ppb   |
| Antimony   | 121-1 | 0.74      | 0.72      | 0.71      | 0.72       | 2.07    | ppb   |
| Arsenic    | 75-1  | 0.37      | 0.56      | 0.37      | 0.43       | 26.13   | ppb   |
| Barium     | 135-1 | 1.49      | 1.26      | 1.22      | 1.32       | 11.12   | ppb   |
| Barium     | 137-1 | 1.53      | 1.36      | 1.37      | 1.42       | 6.94    | ppb   |
| Beryllium  | 9-1   | 0.20      | 0.15      | 0.15      | 0.16       | 17.68   | ppb   |
| Bismuth    | 209-1 |           |           |           | 90         |         | %     |
| Boron      | 10-1  | 57.04     | 48.64     | 46.91     | 50.86      | 10.66   | ppb   |
| Boron      | 11-1  | 55.94     | 50.99     | 44.94     | 50.62      | 10.89   | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | -0.03     | 0.11      | 0.01      | 0.03       | 227.69  | ppb   |
| Cadmium    | 106-1 | -1.41     | 0.66      | -0.90     | -0.55      |         | ppb   |
| Cadmium    | 108-1 | 1.24      | 0.82      | 0.74      | 0.93       | 29.09   | ppb   |
| Calcium    | 43-1  | 494488.39 | 500319.37 | 504276.50 | 499694.75  | 0.99    | ppb   |
| Calcium    | 44-1  | 500354.32 | 499319.36 | 504398.52 | 501357.40  | 0.54    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chromium   | 52-1  | 4.87      | 4.77      | 4.76      | 4.80       | 1.26    | ppb   |
| Cobalt     | 59-1  | 1.79      | 1.92      | 1.86      | 1.86       | 3.54    | ppb   |
| Copper     | 63-1  | 4.96      | 4.99      | 4.92      | 4.95       | 0.71    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 91         |         | %     |
| Iron       | 56-1  | 249106.95 | 250001.07 | 249880.57 | 249662.86  | 0.19    | ppb   |
| Iron       | 57-1  | 248924.58 | 251802.52 | 248781.99 | 249836.36  | 0.68    | ppb   |
| Iron       | 54-1  |           |           |           |            |         | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2.99      | 2.90      | 2.85      | 2.91       | 2.45    | ppb   |
| Lead       | 207-1 | 3.11      | 2.88      | 2.91      | 2.96       | 4.29    | ppb   |
| Lead       | 208-1 | 3.02      | 2.88      | 2.87      | 2.92       | 2.84    | ppb   |
| Lithium    | 6-1   |           |           |           | 79         |         | %     |
| Magnesium  | 24-1  | 493712.79 | 501381.84 | 506449.28 | 500514.64  | 1.28    | ppb   |
| Manganese  | 55-1  | 5.58      | 5.31      | 5.32      | 5.40       | 2.81    | ppb   |
| Molybdenum | 94-1  | 1.75      | 1.53      | 1.54      | 1.61       | 7.90    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB115569            | Operator :        | JASWAL     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2021-07-27 11:29:44 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 95-1  | 1.99      | 1.81      | 1.59      | 1.79       | 11.09   | ppb   |
| Molybdenum | 96-1  | 2.24      | 2.01      | 1.88      | 2.04       | 8.79    | ppb   |
| Molybdenum | 97-1  | 2.04      | 1.93      | 1.54      | 1.83       | 14.04   | ppb   |
| Molybdenum | 98-1  | 2.06      | 1.66      | 1.63      | 1.78       | 13.62   | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Nickel     | 60-1  | 6.05      | 6.13      | 6.23      | 6.14       | 1.48    | ppb   |
| Phosphorus | 31-1  | 17.01     | 12.70     | 16.42     | 15.38      | 15.20   | ppb   |
| Potassium  | 39-1  | 247845.32 | 249762.15 | 253466.94 | 250358.13  | 1.14    | ppb   |
| Rhodium    | 103-1 |           |           |           | 84         |         | %     |
| Scandium   | 45-1  |           |           |           | 81         |         | %     |
| Selenium   | 77-1  | -0.11     | 0.15      | 0.14      | 0.06       | 250.37  | ppb   |
| Selenium   | 78-1  |           |           |           |            |         | ppb   |
| Selenium   | 82-1  | -0.45     | -0.43     | 0.20      | -0.23      |         | ppb   |
| Silicon    | 28-1  | 48.43     | 55.26     | 56.59     | 53.43      | 8.20    | ppb   |
| Silver     | 107-1 | 0.24      | 0.28      | 0.21      | 0.25       | 13.61   | ppb   |
| Silver     | 109-1 | 0.24      | 0.24      | 0.24      | 0.24       | 1.95    | ppb   |
| Sodium     | 23-1  | 496042.85 | 500337.55 | 504309.54 | 500229.98  | 0.83    | ppb   |
| Strontium  | 86-1  | 2.46      | 2.17      | 2.35      | 2.33       | 6.30    | ppb   |
| Strontium  | 88-1  | 2.53      | 2.29      | 2.21      | 2.34       | 7.03    | ppb   |
| Sulfur     | 34-1  | 240.48    | 51.47     | -185.86   | 35.36      | 604.07  | ppb   |
| Terbium    | 159-1 |           |           |           | 98         |         | %     |
| Thallium   | 203-1 | 0.35      | 0.29      | 0.23      | 0.29       | 20.62   | ppb   |
| Thallium   | 205-1 | 0.35      | 0.29      | 0.25      | 0.29       | 17.85   | ppb   |
| Thorium    | 232-1 | 0.12      | 0.07      | 0.06      | 0.08       | 34.07   | ppb   |
| Tin        | 118-1 | 0.34      | 0.30      | 0.29      | 0.31       | 7.69    | ppb   |
| Titanium   | 47-1  | 1.01      | 0.82      | 0.74      | 0.86       | 16.67   | ppb   |
| Uranium    | 238-1 | 0.13      | 0.10      | 0.11      | 0.11       | 11.69   | ppb   |
| Vanadium   | 51-1  | 0.19      | 0.19      | 0.15      | 0.18       | 13.23   | ppb   |
| Yttrium    | 89-1  |           |           |           | 92         |         | %     |
| Zinc       | 66-1  | 13.57     | 13.57     | 13.31     | 13.48      | 1.13    | ppb   |
| Zirconium  | 90-1  | 0.17      | 0.14      | 0.13      | 0.15       | 10.78   | ppb   |
| Zirconium  | 91-1  | 0.19      | 0.14      | 0.12      | 0.15       | 23.80   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB115569            | Operator :        | JASWAL   |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2021-07-27 11:45:53 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-1  | 475.95  | 493.74  | 485.71  | 485.13     | 1.84    | ppb   |
| Antimony   | 121-1 | 203.11  | 209.94  | 206.72  | 206.59     | 1.66    | ppb   |
| Arsenic    | 75-1  | 205.32  | 216.97  | 215.75  | 212.68     | 3.01    | ppb   |
| Barium     | 135-1 | 103.58  | 104.62  | 105.01  | 104.40     | 0.71    | ppb   |
| Barium     | 137-1 | 103.79  | 106.11  | 106.29  | 105.40     | 1.32    | ppb   |
| Beryllium  | 9-1   | 101.90  | 104.58  | 102.01  | 102.83     | 1.47    | ppb   |
| Bismuth    | 209-1 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 5.33    | 5.99    | 4.34    | 5.22       | 15.98   | ppb   |
| Boron      | 11-1  | 5.69    | 6.37    | 5.15    | 5.74       | 10.68   | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 108.51  | 111.61  | 109.51  | 109.88     | 1.44    | ppb   |
| Cadmium    | 106-1 | 85.61   | 91.33   | 91.55   | 89.50      | 3.77    | ppb   |
| Cadmium    | 108-1 | 114.70  | 121.48  | 116.98  | 117.72     | 2.93    | ppb   |
| Calcium    | 43-1  | 3832.17 | 3982.63 | 3909.85 | 3908.22    | 1.93    | ppb   |
| Calcium    | 44-1  | 3027.81 | 3149.67 | 3092.88 | 3090.12    | 1.97    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chromium   | 52-1  | 99.83   | 104.88  | 102.99  | 102.57     | 2.48    | ppb   |
| Cobalt     | 59-1  | 101.99  | 105.06  | 105.12  | 104.06     | 1.72    | ppb   |
| Copper     | 63-1  | 105.12  | 109.94  | 108.62  | 107.89     | 2.31    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Iron       | 56-1  | 2004.77 | 2075.78 | 2068.99 | 2049.84    | 1.91    | ppb   |
| Iron       | 57-1  | 2000.99 | 2086.64 | 2055.09 | 2047.57    | 2.12    | ppb   |
| Iron       | 54-1  |         |         |         |            |         | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 212.53  | 220.55  | 217.68  | 216.92     | 1.87    | ppb   |
| Lead       | 207-1 | 206.30  | 211.14  | 210.03  | 209.16     | 1.21    | ppb   |
| Lead       | 208-1 | 210.12  | 215.75  | 214.00  | 213.29     | 1.35    | ppb   |
| Lithium    | 6-1   |         |         |         | 93         |         | %     |
| Magnesium  | 24-1  | 1083.95 | 1141.86 | 1132.66 | 1119.49    | 2.78    | ppb   |
| Manganese  | 55-1  | 96.78   | 100.57  | 100.17  | 99.18      | 2.10    | ppb   |
| Molybdenum | 94-1  | 1723.87 | 1782.32 | 1784.98 | 1763.72    | 1.96    | ppb   |

LB Number : LB115569 Operator : JASWAL  
 Lab Sample ID : ICV01 Instrumnet Name : P7  
 Client Sample ID : ICV01 Dilution Factor : 1  
 Date & Time Acquired :: 2021-07-27 11:45:53 DataFile Name : 012ICV.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 95-1  | 2446.09 | 2502.42 | 2489.90 | 2479.47    | 1.19    | ppb   |
| Molybdenum | 96-1  | 2373.76 | 2414.01 | 2409.74 | 2399.17    | 0.92    | ppb   |
| Molybdenum | 97-1  | 2456.77 | 2531.09 | 2518.94 | 2502.27    | 1.59    | ppb   |
| Molybdenum | 98-1  | 2425.20 | 2532.50 | 2504.08 | 2487.26    | 2.24    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Nickel     | 60-1  | 104.90  | 109.96  | 109.24  | 108.03     | 2.54    | ppb   |
| Phosphorus | 31-1  | 5.03    | 7.26    | 6.04    | 6.11       | 18.30   | ppb   |
| Potassium  | 39-1  | 1891.10 | 1982.79 | 1964.49 | 1946.12    | 2.49    | ppb   |
| Rhodium    | 103-1 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 92         |         | %     |
| Selenium   | 77-1  | 204.84  | 217.79  | 218.14  | 213.59     | 3.55    | ppb   |
| Selenium   | 78-1  |         |         |         |            |         | ppb   |
| Selenium   | 82-1  | 208.56  | 218.83  | 215.95  | 214.45     | 2.47    | ppb   |
| Silicon    | 28-1  | 14.76   | 19.21   | 20.26   | 18.08      | 16.15   | ppb   |
| Silver     | 107-1 | 52.86   | 54.15   | 53.36   | 53.46      | 1.21    | ppb   |
| Silver     | 109-1 | 52.35   | 54.97   | 52.95   | 53.42      | 2.58    | ppb   |
| Sodium     | 23-1  | 1947.84 | 2019.81 | 1991.77 | 1986.47    | 1.83    | ppb   |
| Strontium  | 86-1  | 4885.32 | 5033.98 | 4985.39 | 4968.23    | 1.53    | ppb   |
| Strontium  | 88-1  | 4835.04 | 5011.27 | 4959.20 | 4935.17    | 1.83    | ppb   |
| Sulfur     | 34-1  | 53.85   | 303.58  | -103.71 | 84.57      | 242.84  | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 212.22  | 219.95  | 216.47  | 216.22     | 1.79    | ppb   |
| Thallium   | 205-1 | 211.79  | 218.54  | 214.43  | 214.92     | 1.58    | ppb   |
| Thorium    | 232-1 | 0.03    | 0.03    | 0.03    | 0.03       | 6.19    | ppb   |
| Tin        | 118-1 | 0.13    | 0.13    | 0.13    | 0.13       | 1.03    | ppb   |
| Titanium   | 47-1  | 2449.34 | 2575.22 | 2529.14 | 2517.90    | 2.53    | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 21.54   | ppb   |
| Vanadium   | 51-1  | 98.07   | 102.83  | 100.94  | 100.62     | 2.38    | ppb   |
| Yttrium    | 89-1  |         |         |         | 98         |         | %     |
| Zinc       | 66-1  | 200.32  | 208.96  | 208.29  | 205.86     | 2.34    | ppb   |
| Zirconium  | 90-1  | 0.20    | 0.22    | 0.19    | 0.20       | 7.32    | ppb   |
| Zirconium  | 91-1  | 0.32    | 0.30    | 0.27    | 0.30       | 7.58    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:16:43 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-1  | -0.25   | -0.31   | -0.25   | -0.27      |         | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 9.09    | ppb   |
| Arsenic    | 75-1  | 0.11    | 0.10    | 0.02    | 0.08       | 64.69   | ppb   |
| Barium     | 135-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.03    | 0.03    | 0.03       | 10.92   | ppb   |
| Bismuth    | 209-1 |         |         |         | 99         |         | %     |
| Boron      | 10-1  | 0.59    | 1.36    | 1.38    | 1.11       | 40.69   | ppb   |
| Boron      | 11-1  | 1.42    | 1.66    | 1.50    | 1.53       | 8.09    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.07    | 0.24    | 0.26    | 0.19       | 54.62   | ppb   |
| Cadmium    | 106-1 | 0.92    | 3.18    | 3.29    | 2.46       | 54.40   | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.06    | -0.02   | 0.02       | 223.86  | ppb   |
| Calcium    | 43-1  | 0.78    | -1.85   | 2.19    | 0.37       | 550.20  | ppb   |
| Calcium    | 44-1  | 1.79    | 0.29    | 2.17    | 1.42       | 69.96   | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chromium   | 52-1  | 0.07    | 0.05    | 0.04    | 0.05       | 26.34   | ppb   |
| Cobalt     | 59-1  | 0.01    | 0.01    | 0.01    | 0.01       | 15.00   | ppb   |
| Copper     | 63-1  | 0.02    | 0.03    | 0.03    | 0.02       | 14.45   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Iron       | 56-1  | 4.10    | 4.27    | 5.46    | 4.61       | 16.13   | ppb   |
| Iron       | 57-1  | 1.72    | 3.04    | 3.84    | 2.87       | 37.30   | ppb   |
| Iron       | 54-1  |         |         |         |            |         | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.04    | 0.04    | 0.05    | 0.04       | 18.16   | ppb   |
| Lead       | 207-1 | 0.04    | 0.06    | 0.05    | 0.05       | 23.35   | ppb   |
| Lead       | 208-1 | 0.05    | 0.04    | 0.06    | 0.05       | 15.20   | ppb   |
| Lithium    | 6-1   |         |         |         | 97         |         | %     |
| Magnesium  | 24-1  | 0.29    | 0.25    | 0.40    | 0.32       | 24.36   | ppb   |
| Manganese  | 55-1  | 0.00    | 0.00    | 0.02    | 0.01       | 143.32  | ppb   |
| Molybdenum | 94-1  | 0.00    | 0.04    | -0.01   | 0.01       | 356.18  | ppb   |

LB Number : LB115569 Operator : JASWAL  
 Lab Sample ID : ICB01 Instrumnet Name : P7  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2021-07-27 12:16:43 DataFile Name : 013CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 95-1  | 0.04    | 0.04    | 0.04    | 0.04       | 11.17   | ppb   |
| Molybdenum | 96-1  | 0.06    | 0.04    | 0.05    | 0.05       | 21.06   | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.03    | 0.04    | 0.03       | 11.70   | ppb   |
| Molybdenum | 98-1  | 0.05    | 0.04    | 0.03    | 0.04       | 21.07   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Nickel     | 60-1  | 0.01    | 0.00    | -0.02   | 0.00       |         | ppb   |
| Phosphorus | 31-1  | 5.33    | 5.29    | 5.38    | 5.33       | 0.91    | ppb   |
| Potassium  | 39-1  | 22.79   | 21.64   | 20.95   | 21.79      | 4.26    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 96         |         | %     |
| Selenium   | 77-1  | 0.00    | -0.34   | 0.00    | -0.11      |         | ppb   |
| Selenium   | 78-1  |         |         |         |            |         | ppb   |
| Selenium   | 82-1  | -0.92   | -1.11   | 0.28    | -0.58      |         | ppb   |
| Silicon    | 28-1  | 3.61    | 3.35    | 4.47    | 3.81       | 15.34   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.00       | 85.17   | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 143.83  | ppb   |
| Sodium     | 23-1  | 4.68    | 4.63    | 4.92    | 4.74       | 3.32    | ppb   |
| Strontium  | 86-1  | -0.12   | -0.08   | 0.03    | -0.06      |         | ppb   |
| Strontium  | 88-1  | 0.03    | 0.02    | 0.03    | 0.03       | 9.64    | ppb   |
| Sulfur     | 34-1  | 1139.58 | 975.21  | 1008.92 | 1041.24    | 8.34    | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | -0.01   | -0.02   | -0.02   | -0.01      |         | ppb   |
| Thallium   | 205-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Thorium    | 232-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.01   | 0.00    | 0.02    | 0.00       | 322.04  | ppb   |
| Titanium   | 47-1  | -0.03   | 0.04    | 0.03    | 0.01       | 287.81  | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 43.89   | ppb   |
| Vanadium   | 51-1  | 0.00    | 0.00    | 0.00    | 0.00       | 73.01   | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Zinc       | 66-1  | -0.13   | -0.06   | -0.09   | -0.09      |         | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Zirconium  | 91-1  | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:19:17 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | ConRep1  | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-1  | 91581.93 | 93136.91  | 92077.98  | 92265.61   | 0.86    | ppb   |
| Antimony   | 121-1 | 1.13     | 1.11      | 1.06      | 1.10       | 3.29    | ppb   |
| Arsenic    | 75-1  | 1.17     | 1.32      | 1.78      | 1.43       | 22.40   | ppb   |
| Barium     | 135-1 | 1.30     | 1.32      | 1.36      | 1.32       | 2.40    | ppb   |
| Barium     | 137-1 | 1.36     | 1.40      | 1.36      | 1.37       | 1.84    | ppb   |
| Beryllium  | 9-1   | 0.31     | 0.26      | 0.27      | 0.28       | 9.99    | ppb   |
| Bismuth    | 209-1 |          |           |           | 96         |         | %     |
| Boron      | 10-1  | 1.74     | 1.47      | 1.63      | 1.62       | 8.27    | ppb   |
| Boron      | 11-1  | 1.76     | 1.53      | 1.04      | 1.44       | 25.50   | ppb   |
| Bromine    | 81-1  |          |           |           |            |         | cps   |
| Cadmium    | 111-1 | 0.99     | 1.32      | 1.29      | 1.20       | 15.02   | ppb   |
| Cadmium    | 106-1 | -2.43    | -1.62     | -1.07     | -1.71      |         | ppb   |
| Cadmium    | 108-1 | 19.64    | 18.62     | 17.79     | 18.68      | 4.97    | ppb   |
| Calcium    | 43-1  | 94108.43 | 95797.20  | 95903.92  | 95269.85   | 1.06    | ppb   |
| Calcium    | 44-1  | 91386.45 | 92613.42  | 93921.93  | 92640.60   | 1.37    | ppb   |
| Carbon     | 12-1  |          |           |           |            |         | cps   |
| Chlorine   | 35-1  |          |           |           |            |         | cps   |
| Chromium   | 52-1  | 19.29    | 19.71     | 19.60     | 19.53      | 1.10    | ppb   |
| Cobalt     | 59-1  | 1.23     | 1.27      | 1.21      | 1.24       | 2.18    | ppb   |
| Copper     | 63-1  | 8.15     | 8.49      | 8.34      | 8.33       | 2.04    | ppb   |
| Dysprosium | 156-1 |          |           |           |            |         | cps   |
| Erbium     | 164-1 |          |           |           |            |         | cps   |
| Gadolinium | 160-1 |          |           |           |            |         | cps   |
| Holmium    | 165-1 |          |           |           | 99         |         | %     |
| Indium     | 115-1 |          |           |           | 93         |         | %     |
| Iron       | 56-1  | 98265.12 | 100367.17 | 100183.55 | 99605.28   | 1.17    | ppb   |
| Iron       | 57-1  | 97474.31 | 100630.67 | 100126.26 | 99410.41   | 1.71    | ppb   |
| Iron       | 54-1  |          |           |           |            |         | ppb   |
| Krypton    | 83-1  |          |           |           |            |         | cps   |
| Lead       | 206-1 | 4.82     | 4.94      | 4.62      | 4.80       | 3.35    | ppb   |
| Lead       | 207-1 | 4.51     | 4.41      | 4.21      | 4.37       | 3.52    | ppb   |
| Lead       | 208-1 | 4.61     | 4.64      | 4.35      | 4.53       | 3.54    | ppb   |
| Lithium    | 6-1   |          |           |           | 85         |         | %     |
| Magnesium  | 24-1  | 90470.53 | 92979.95  | 91436.27  | 91628.92   | 1.38    | ppb   |
| Manganese  | 55-1  | 7.36     | 7.46      | 7.26      | 7.36       | 1.37    | ppb   |
| Molybdenum | 94-1  | 1293.09  | 1334.94   | 1277.20   | 1301.74    | 2.29    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:19:17 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 95-1  | 1845.08  | 1906.23  | 1852.22  | 1867.84    | 1.79    | ppb   |
| Molybdenum | 96-1  | 1787.34  | 1843.33  | 1780.52  | 1803.73    | 1.91    | ppb   |
| Molybdenum | 97-1  | 1817.87  | 1870.60  | 1824.48  | 1837.65    | 1.56    | ppb   |
| Molybdenum | 98-1  | 1836.54  | 1910.10  | 1841.68  | 1862.77    | 2.20    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Nickel     | 60-1  | 5.76     | 6.16     | 5.75     | 5.89       | 3.95    | ppb   |
| Phosphorus | 31-1  | 95656.92 | 97766.92 | 97664.00 | 97029.28   | 1.23    | ppb   |
| Potassium  | 39-1  | 93921.33 | 95551.99 | 94783.40 | 94752.24   | 0.86    | ppb   |
| Rhodium    | 103-1 |          |          |          | 90         |         | %     |
| Scandium   | 45-1  |          |          |          | 86         |         | %     |
| Selenium   | 77-1  | 1.93     | 2.46     | 3.60     | 2.66       | 31.89   | ppb   |
| Selenium   | 78-1  |          |          |          |            |         | ppb   |
| Selenium   | 82-1  | -0.03    | -1.12    | -0.60    | -0.58      |         | ppb   |
| Silicon    | 28-1  | 18.90    | 19.11    | 18.56    | 18.86      | 1.49    | ppb   |
| Silver     | 107-1 | 0.04     | 0.03     | 0.04     | 0.04       | 13.28   | ppb   |
| Silver     | 109-1 | 0.03     | 0.04     | 0.04     | 0.04       | 15.71   | ppb   |
| Sodium     | 23-1  | 94638.21 | 98572.12 | 98527.41 | 97245.91   | 2.32    | ppb   |
| Strontium  | 86-1  | 33.14    | 34.29    | 32.19    | 33.21      | 3.16    | ppb   |
| Strontium  | 88-1  | 33.09    | 34.14    | 32.93    | 33.39      | 1.98    | ppb   |
| Sulfur     | 34-1  | 96817.43 | 97800.77 | 96122.59 | 96913.60   | 0.87    | ppb   |
| Terbium    | 159-1 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 0.11     | 0.08     | 0.08     | 0.09       | 18.97   | ppb   |
| Thallium   | 205-1 | 0.11     | 0.10     | 0.07     | 0.09       | 24.06   | ppb   |
| Thorium    | 232-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Tin        | 118-1 | 0.19     | 0.19     | 0.20     | 0.20       | 3.87    | ppb   |
| Titanium   | 47-1  | 1991.28  | 2021.18  | 2003.26  | 2005.24    | 0.75    | ppb   |
| Uranium    | 238-1 | 0.02     | 0.02     | 0.01     | 0.02       | 9.07    | ppb   |
| Vanadium   | 51-1  | 0.31     | 0.36     | 0.36     | 0.34       | 8.49    | ppb   |
| Yttrium    | 89-1  |          |          |          | 94         |         | %     |
| Zinc       | 66-1  | 12.02    | 12.46    | 12.50    | 12.33      | 2.14    | ppb   |
| Zirconium  | 90-1  | 0.00     | 0.01     | 0.03     | 0.01       | 110.00  | ppb   |
| Zirconium  | 91-1  | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:21:49 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2  | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|----------|-----------|------------|---------|-------|
| Aluminium  | 27-1  | 91486.52  | 92221.10 | 92196.00  | 91967.88   | 0.45    | ppb   |
| Antimony   | 121-1 | 19.87     | 19.83    | 20.22     | 19.97      | 1.09    | ppb   |
| Arsenic    | 75-1  | 21.06     | 20.38    | 21.29     | 20.91      | 2.26    | ppb   |
| Barium     | 135-1 | 20.68     | 20.54    | 20.50     | 20.57      | 0.46    | ppb   |
| Barium     | 137-1 | 20.87     | 20.49    | 20.85     | 20.74      | 1.03    | ppb   |
| Beryllium  | 9-1   | 19.87     | 19.52    | 19.58     | 19.66      | 0.96    | ppb   |
| Bismuth    | 209-1 |           |          |           | 98         |         | %     |
| Boron      | 10-1  | 51.79     | 52.91    | 54.82     | 53.17      | 2.88    | ppb   |
| Boron      | 11-1  | 52.97     | 55.40    | 55.67     | 54.68      | 2.72    | ppb   |
| Bromine    | 81-1  |           |          |           |            |         | cps   |
| Cadmium    | 111-1 | 20.80     | 21.01    | 21.43     | 21.08      | 1.52    | ppb   |
| Cadmium    | 106-1 | 24.32     | 21.92    | 25.27     | 23.84      | 7.25    | ppb   |
| Cadmium    | 108-1 | 37.17     | 38.59    | 39.18     | 38.31      | 2.71    | ppb   |
| Calcium    | 43-1  | 95715.37  | 95668.30 | 95184.17  | 95522.61   | 0.31    | ppb   |
| Calcium    | 44-1  | 93712.21  | 92492.20 | 93572.51  | 93258.97   | 0.72    | ppb   |
| Carbon     | 12-1  |           |          |           |            |         | cps   |
| Chlorine   | 35-1  |           |          |           |            |         | cps   |
| Chromium   | 52-1  | 38.41     | 38.49    | 38.29     | 38.39      | 0.26    | ppb   |
| Cobalt     | 59-1  | 20.67     | 20.57    | 20.49     | 20.57      | 0.43    | ppb   |
| Copper     | 63-1  | 28.03     | 28.18    | 28.17     | 28.13      | 0.29    | ppb   |
| Dysprosium | 156-1 |           |          |           |            |         | cps   |
| Erbium     | 164-1 |           |          |           |            |         | cps   |
| Gadolinium | 160-1 |           |          |           |            |         | cps   |
| Holmium    | 165-1 |           |          |           | 102        |         | %     |
| Indium     | 115-1 |           |          |           | 96         |         | %     |
| Iron       | 56-1  | 100233.90 | 99944.17 | 99313.61  | 99830.56   | 0.47    | ppb   |
| Iron       | 57-1  | 99872.91  | 99492.24 | 100371.25 | 99912.13   | 0.44    | ppb   |
| Iron       | 54-1  |           |          |           |            |         | ppb   |
| Krypton    | 83-1  |           |          |           |            |         | cps   |
| Lead       | 206-1 | 23.81     | 23.93    | 23.61     | 23.78      | 0.68    | ppb   |
| Lead       | 207-1 | 22.32     | 22.54    | 22.17     | 22.34      | 0.82    | ppb   |
| Lead       | 208-1 | 22.89     | 23.19    | 22.77     | 22.95      | 0.94    | ppb   |
| Lithium    | 6-1   |           |          |           | 85         |         | %     |
| Magnesium  | 24-1  | 91075.79  | 91448.47 | 91721.15  | 91415.14   | 0.35    | ppb   |
| Manganese  | 55-1  | 25.97     | 26.13    | 25.96     | 26.02      | 0.37    | ppb   |
| Molybdenum | 94-1  | 1368.27   | 1355.06  | 1334.29   | 1352.54    | 1.27    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:21:49 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 95-1  | 1885.17  | 1861.86  | 1820.19  | 1855.74    | 1.77    | ppb   |
| Molybdenum | 96-1  | 1817.46  | 1803.16  | 1792.66  | 1804.43    | 0.69    | ppb   |
| Molybdenum | 97-1  | 1823.39  | 1807.16  | 1780.25  | 1803.60    | 1.21    | ppb   |
| Molybdenum | 98-1  | 1866.64  | 1839.87  | 1823.48  | 1843.33    | 1.18    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Nickel     | 60-1  | 25.40    | 25.62    | 25.36    | 25.46      | 0.55    | ppb   |
| Phosphorus | 31-1  | 96937.94 | 97968.25 | 98117.75 | 97674.65   | 0.66    | ppb   |
| Potassium  | 39-1  | 95067.61 | 96278.90 | 96301.70 | 95882.74   | 0.74    | ppb   |
| Rhodium    | 103-1 |          |          |          | 93         |         | %     |
| Scandium   | 45-1  |          |          |          | 88         |         | %     |
| Selenium   | 77-1  | 24.11    | 20.49    | 22.40    | 22.33      | 8.09    | ppb   |
| Selenium   | 78-1  |          |          |          |            |         | ppb   |
| Selenium   | 82-1  | 17.59    | 18.52    | 18.02    | 18.04      | 2.59    | ppb   |
| Silicon    | 28-1  | 18.46    | 19.18    | 20.75    | 19.46      | 6.02    | ppb   |
| Silver     | 107-1 | 18.51    | 18.47    | 18.59    | 18.52      | 0.32    | ppb   |
| Silver     | 109-1 | 18.69    | 18.19    | 18.69    | 18.52      | 1.57    | ppb   |
| Sodium     | 23-1  | 96467.96 | 97433.45 | 97512.91 | 97138.11   | 0.60    | ppb   |
| Strontium  | 86-1  | 85.61    | 83.80    | 82.91    | 84.10      | 1.63    | ppb   |
| Strontium  | 88-1  | 84.13    | 84.17    | 82.85    | 83.72      | 0.90    | ppb   |
| Sulfur     | 34-1  | 94809.56 | 95327.95 | 95299.31 | 95145.61   | 0.31    | ppb   |
| Terbium    | 159-1 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 19.80    | 19.80    | 19.82    | 19.81      | 0.04    | ppb   |
| Thallium   | 205-1 | 19.64    | 19.74    | 19.38    | 19.59      | 0.94    | ppb   |
| Thorium    | 232-1 | 0.00     | 0.00     | 0.00     | 0.00       | 451.55  | ppb   |
| Tin        | 118-1 | 49.77    | 50.04    | 50.37    | 50.06      | 0.59    | ppb   |
| Titanium   | 47-1  | 1959.91  | 1964.78  | 1958.05  | 1960.91    | 0.18    | ppb   |
| Uranium    | 238-1 | 51.09    | 51.39    | 50.81    | 51.10      | 0.57    | ppb   |
| Vanadium   | 51-1  | 19.19    | 19.45    | 19.28    | 19.31      | 0.68    | ppb   |
| Yttrium    | 89-1  |          |          |          | 97         |         | %     |
| Zinc       | 66-1  | 31.56    | 31.64    | 30.71    | 31.30      | 1.64    | ppb   |
| Zirconium  | 90-1  | 50.63    | 50.96    | 49.74    | 50.44      | 1.26    | ppb   |
| Zirconium  | 91-1  | 50.62    | 50.74    | 50.41    | 50.59      | 0.33    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB115569            | Operator :        | JASWAL   |
| Lab Sample ID :         | CCV40               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV40               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2021-07-27 12:26:54 | DataFile Name :   | 017CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-1  | 47779.65  | 50370.32  | 50437.46  | 49529.14   | 3.06    | ppb   |
| Antimony   | 121-1 | 453.44    | 473.52    | 465.19    | 464.05     | 2.17    | ppb   |
| Arsenic    | 75-1  | 452.46    | 473.62    | 467.68    | 464.59     | 2.35    | ppb   |
| Barium     | 135-1 | 2297.36   | 2394.93   | 2357.51   | 2349.93    | 2.09    | ppb   |
| Barium     | 137-1 | 2400.69   | 2514.11   | 2458.59   | 2457.80    | 2.31    | ppb   |
| Beryllium  | 9-1   | 476.66    | 491.96    | 497.93    | 488.85     | 2.24    | ppb   |
| Bismuth    | 209-1 |           |           |           | 94         |         | %     |
| Boron      | 10-1  | 464.49    | 506.12    | 519.70    | 496.77     | 5.79    | ppb   |
| Boron      | 11-1  | 472.89    | 511.25    | 529.78    | 504.64     | 5.75    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 454.16    | 468.07    | 457.00    | 459.74     | 1.60    | ppb   |
| Cadmium    | 106-1 | 465.04    | 469.31    | 460.21    | 464.85     | 0.98    | ppb   |
| Cadmium    | 108-1 | 456.92    | 469.33    | 461.25    | 462.50     | 1.36    | ppb   |
| Calcium    | 43-1  | 237315.01 | 245860.88 | 245702.89 | 242959.59  | 2.01    | ppb   |
| Calcium    | 44-1  | 236382.89 | 245104.83 | 245472.37 | 242320.03  | 2.12    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chromium   | 52-1  | 492.50    | 507.68    | 517.68    | 505.95     | 2.51    | ppb   |
| Cobalt     | 59-1  | 482.42    | 507.79    | 505.79    | 498.67     | 2.83    | ppb   |
| Copper     | 63-1  | 4756.17   | 5010.08   | 5015.62   | 4927.29    | 3.01    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 101        |         | %     |
| Indium     | 115-1 |           |           |           | 95         |         | %     |
| Iron       | 56-1  | 122260.65 | 127508.16 | 129605.73 | 126458.18  | 2.99    | ppb   |
| Iron       | 57-1  | 121717.31 | 127832.14 | 127206.37 | 125585.27  | 2.68    | ppb   |
| Iron       | 54-1  |           |           |           |            |         | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2392.58   | 2516.57   | 2485.71   | 2464.95    | 2.62    | ppb   |
| Lead       | 207-1 | 2427.47   | 2524.18   | 2473.95   | 2475.20    | 1.95    | ppb   |
| Lead       | 208-1 | 2428.01   | 2523.47   | 2475.18   | 2475.55    | 1.93    | ppb   |
| Lithium    | 6-1   |           |           |           | 84         |         | %     |
| Magnesium  | 24-1  | 240087.53 | 251773.78 | 254284.64 | 248715.31  | 3.05    | ppb   |
| Manganese  | 55-1  | 4875.59   | 5084.75   | 5124.60   | 5028.32    | 2.66    | ppb   |
| Molybdenum | 94-1  | 2424.10   | 2499.49   | 2489.43   | 2471.01    | 1.66    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB115569            | Operator :        | JASWAL   |
| Lab Sample ID :         | CCV40               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV40               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2021-07-27 12:26:54 | DataFile Name :   | 017CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 95-1  | 2398.18   | 2498.79   | 2463.32   | 2453.43    | 2.08    | ppb   |
| Molybdenum | 96-1  | 2423.99   | 2479.30   | 2480.34   | 2461.21    | 1.31    | ppb   |
| Molybdenum | 97-1  | 2319.80   | 2384.61   | 2523.54   | 2409.31    | 4.32    | ppb   |
| Molybdenum | 98-1  | 2377.35   | 2469.10   | 2474.24   | 2440.23    | 2.23    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Nickel     | 60-1  | 462.92    | 483.08    | 483.97    | 476.66     | 2.50    | ppb   |
| Phosphorus | 31-1  | 9708.57   | 9999.08   | 9919.21   | 9875.62    | 1.52    | ppb   |
| Potassium  | 39-1  | 122244.35 | 126273.94 | 126660.53 | 125059.61  | 1.96    | ppb   |
| Rhodium    | 103-1 |           |           |           | 90         |         | %     |
| Scandium   | 45-1  |           |           |           | 86         |         | %     |
| Selenium   | 77-1  | 449.00    | 463.92    | 445.12    | 452.68     | 2.19    | ppb   |
| Selenium   | 78-1  |           |           |           |            |         | ppb   |
| Selenium   | 82-1  | 448.11    | 459.61    | 447.30    | 451.68     | 1.52    | ppb   |
| Silicon    | 28-1  | 457.83    | 516.00    | 537.49    | 503.78     | 8.18    | ppb   |
| Silver     | 107-1 | 455.80    | 464.11    | 463.34    | 461.09     | 1.00    | ppb   |
| Silver     | 109-1 | 452.53    | 471.47    | 458.46    | 460.82     | 2.10    | ppb   |
| Sodium     | 23-1  | 241072.87 | 253345.58 | 253945.73 | 249454.73  | 2.91    | ppb   |
| Strontium  | 86-1  | 4774.73   | 4892.64   | 4898.06   | 4855.14    | 1.44    | ppb   |
| Strontium  | 88-1  | 4720.68   | 4902.68   | 4897.82   | 4840.39    | 2.14    | ppb   |
| Sulfur     | 34-1  | 9322.72   | 9851.22   | 9816.85   | 9663.59    | 3.06    | ppb   |
| Terbium    | 159-1 |           |           |           | 101        |         | %     |
| Thallium   | 203-1 | 467.58    | 489.66    | 481.56    | 479.60     | 2.33    | ppb   |
| Thallium   | 205-1 | 480.72    | 505.79    | 501.54    | 496.02     | 2.70    | ppb   |
| Thorium    | 232-1 | 492.97    | 513.05    | 506.67    | 504.23     | 2.04    | ppb   |
| Tin        | 118-1 | 459.24    | 479.55    | 468.52    | 469.10     | 2.17    | ppb   |
| Titanium   | 47-1  | 2385.21   | 2463.02   | 2464.74   | 2437.66    | 1.86    | ppb   |
| Uranium    | 238-1 | 494.33    | 517.76    | 511.20    | 507.76     | 2.38    | ppb   |
| Vanadium   | 51-1  | 493.32    | 521.20    | 520.46    | 511.66     | 3.10    | ppb   |
| Yttrium    | 89-1  |           |           |           | 96         |         | %     |
| Zinc       | 66-1  | 4709.06   | 4916.70   | 4999.43   | 4875.06    | 3.07    | ppb   |
| Zirconium  | 90-1  | 481.59    | 497.98    | 497.69    | 492.42     | 1.90    | ppb   |
| Zirconium  | 91-1  | 463.09    | 476.76    | 474.28    | 471.38     | 1.55    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | CCB40               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB40               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:39:41 | DataFile Name :   | 018CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-1  | -0.03   | 0.01    | 0.03    | 0.00       | 905.92  | ppb   |
| Antimony   | 121-1 | 0.04    | 0.03    | 0.03    | 0.03       | 13.50   | ppb   |
| Arsenic    | 75-1  | -0.17   | 0.03    | 0.05    | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.01   | 0.02    | 0.02    | 0.01       | 133.75  | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.01    | 0.01       | 23.29   | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | 0.02    | 0.01       | 28.43   | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 3.38    | 2.70    | 2.10    | 2.73       | 23.44   | ppb   |
| Boron      | 11-1  | 3.29    | 3.22    | 2.58    | 3.03       | 12.79   | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.05   | -0.02   | -0.02   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.76   | -0.29   | -0.42   | -0.49      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Calcium    | 43-1  | -0.14   | 1.79    | 3.26    | 1.64       | 104.10  | ppb   |
| Calcium    | 44-1  | 2.67    | 3.22    | 2.94    | 2.95       | 9.25    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chromium   | 52-1  | 0.01    | 0.05    | 0.00    | 0.02       | 142.97  | ppb   |
| Cobalt     | 59-1  | 0.02    | 0.00    | -0.01   | 0.00       | 312.61  | ppb   |
| Copper     | 63-1  | 0.15    | 0.14    | 0.15    | 0.15       | 2.58    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Iron       | 56-1  | -1.69   | -0.09   | 0.40    | -0.46      |         | ppb   |
| Iron       | 57-1  | -7.54   | -4.72   | -3.60   | -5.29      |         | ppb   |
| Iron       | 54-1  |         |         |         |            |         | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.08    | 0.08    | 0.07    | 0.07       | 7.05    | ppb   |
| Lead       | 207-1 | 0.06    | 0.07    | 0.08    | 0.07       | 10.42   | ppb   |
| Lead       | 208-1 | 0.07    | 0.07    | 0.07    | 0.07       | 4.53    | ppb   |
| Lithium    | 6-1   |         |         |         | 93         |         | %     |
| Magnesium  | 24-1  | 2.05    | 2.00    | 2.21    | 2.08       | 5.35    | ppb   |
| Manganese  | 55-1  | 0.08    | 0.07    | 0.07    | 0.08       | 9.11    | ppb   |
| Molybdenum | 94-1  | 0.09    | 0.08    | 0.09    | 0.09       | 2.77    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | CCB40               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB40               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:39:41 | DataFile Name :   | 018CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 95-1  | 0.06    | 0.06    | 0.05    | 0.06       | 9.34    | ppb   |
| Molybdenum | 96-1  | 0.08    | 0.06    | 0.04    | 0.06       | 30.90   | ppb   |
| Molybdenum | 97-1  | 0.06    | 0.04    | 0.05    | 0.05       | 16.97   | ppb   |
| Molybdenum | 98-1  | 0.05    | 0.05    | 0.06    | 0.05       | 10.80   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Nickel     | 60-1  | 0.01    | -0.03   | 0.00    | 0.00       |         | ppb   |
| Phosphorus | 31-1  | 5.80    | 4.23    | 5.27    | 5.10       | 15.63   | ppb   |
| Potassium  | 39-1  | 19.31   | 18.38   | 20.21   | 19.30      | 4.76    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 93         |         | %     |
| Selenium   | 77-1  | -0.43   | -0.08   | -0.16   | -0.22      |         | ppb   |
| Selenium   | 78-1  |         |         |         |            |         | ppb   |
| Selenium   | 82-1  | 1.14    | -0.33   | -0.67   | 0.05       | 2070.10 | ppb   |
| Silicon    | 28-1  | -1.54   | -1.97   | -1.83   | -1.78      |         | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 22.99   | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 13.25   | ppb   |
| Sodium     | 23-1  | 19.28   | 19.37   | 19.25   | 19.30      | 0.34    | ppb   |
| Strontium  | 86-1  | 0.03    | 0.03    | -0.05   | 0.00       | 1083.69 | ppb   |
| Strontium  | 88-1  | 0.03    | 0.03    | 0.04    | 0.03       | 8.65    | ppb   |
| Sulfur     | 34-1  | 30.58   | 175.11  | 161.87  | 122.52     | 65.21   | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.15    | 0.13    | 0.11    | 0.13       | 15.00   | ppb   |
| Thallium   | 205-1 | 0.14    | 0.13    | 0.13    | 0.13       | 5.05    | ppb   |
| Thorium    | 232-1 | 0.01    | 0.00    | 0.00    | 0.00       | 21.89   | ppb   |
| Tin        | 118-1 | 0.03    | 0.01    | 0.00    | 0.01       | 163.48  | ppb   |
| Titanium   | 47-1  | 0.01    | 0.04    | 0.04    | 0.03       | 48.05   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 10.03   | ppb   |
| Vanadium   | 51-1  | 0.01    | 0.01    | 0.01    | 0.01       | 9.13    | ppb   |
| Yttrium    | 89-1  |         |         |         | 99         |         | %     |
| Zinc       | 66-1  | 0.17    | 0.04    | 0.12    | 0.11       | 59.63   | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.04    | 0.03       | 21.65   | ppb   |
| Zirconium  | 91-1  | 0.03    | 0.02    | -0.01   | 0.01       | 123.06  | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:42:14 | DataFile Name :   | 019LLCC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-1  | 21.11   | 20.83   | 20.84   | 20.93      | 0.75    | ppb   |
| Antimony   | 121-1 | 2.13    | 2.05    | 2.11    | 2.10       | 1.95    | ppb   |
| Arsenic    | 75-1  | 1.37    | 0.91    | 0.95    | 1.08       | 23.98   | ppb   |
| Barium     | 135-1 | 10.63   | 10.56   | 10.79   | 10.66      | 1.13    | ppb   |
| Barium     | 137-1 | 10.62   | 10.46   | 10.80   | 10.63      | 1.59    | ppb   |
| Beryllium  | 9-1   | 1.16    | 1.11    | 1.04    | 1.10       | 5.51    | ppb   |
| Bismuth    | 209-1 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 25.95   | 26.77   | 27.77   | 26.83      | 3.39    | ppb   |
| Boron      | 11-1  | 26.56   | 27.69   | 27.17   | 27.14      | 2.10    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 1.14    | 1.15    | 1.06    | 1.12       | 4.52    | ppb   |
| Cadmium    | 106-1 | 0.78    | 1.90    | 0.99    | 1.22       | 48.63   | ppb   |
| Cadmium    | 108-1 | 0.82    | 1.03    | 1.09    | 0.98       | 14.26   | ppb   |
| Calcium    | 43-1  | 489.88  | 533.31  | 523.87  | 515.69     | 4.43    | ppb   |
| Calcium    | 44-1  | 532.02  | 519.70  | 521.34  | 524.35     | 1.28    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chromium   | 52-1  | 2.23    | 2.13    | 2.07    | 2.15       | 3.62    | ppb   |
| Cobalt     | 59-1  | 1.09    | 1.12    | 1.04    | 1.08       | 3.96    | ppb   |
| Copper     | 63-1  | 2.25    | 2.24    | 2.28    | 2.26       | 0.95    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Iron       | 56-1  | 53.16   | 51.89   | 54.90   | 53.32      | 2.83    | ppb   |
| Iron       | 57-1  | 50.91   | 49.89   | 56.42   | 52.41      | 6.70    | ppb   |
| Iron       | 54-1  |         |         |         |            |         | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 1.03    | 1.11    | 1.07    | 1.07       | 3.85    | ppb   |
| Lead       | 207-1 | 1.11    | 1.01    | 1.10    | 1.07       | 5.09    | ppb   |
| Lead       | 208-1 | 1.06    | 1.06    | 1.06    | 1.06       | 0.16    | ppb   |
| Lithium    | 6-1   |         |         |         | 93         |         | %     |
| Magnesium  | 24-1  | 502.92  | 494.28  | 495.98  | 497.73     | 0.92    | ppb   |
| Manganese  | 55-1  | 1.11    | 1.14    | 1.12    | 1.12       | 1.43    | ppb   |
| Molybdenum | 94-1  | 5.35    | 5.09    | 5.00    | 5.15       | 3.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:42:14 | DataFile Name :   | 019LLCC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 95-1  | 5.17    | 5.06    | 5.02    | 5.08       | 1.49    | ppb   |
| Molybdenum | 96-1  | 5.23    | 5.08    | 5.10    | 5.14       | 1.58    | ppb   |
| Molybdenum | 97-1  | 5.00    | 4.89    | 5.24    | 5.04       | 3.52    | ppb   |
| Molybdenum | 98-1  | 5.01    | 5.04    | 4.99    | 5.01       | 0.45    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Nickel     | 60-1  | 1.18    | 1.14    | 1.13    | 1.15       | 2.27    | ppb   |
| Phosphorus | 31-1  | 4.03    | 2.37    | 5.52    | 3.97       | 39.69   | ppb   |
| Potassium  | 39-1  | 530.29  | 509.77  | 520.09  | 520.05     | 1.97    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 94         |         | %     |
| Selenium   | 77-1  | 6.01    | 4.79    | 5.31    | 5.37       | 11.44   | ppb   |
| Selenium   | 78-1  |         |         |         |            |         | ppb   |
| Selenium   | 82-1  | 5.16    | 5.68    | 5.63    | 5.49       | 5.17    | ppb   |
| Silicon    | 28-1  | 6.25    | 6.04    | 5.99    | 6.09       | 2.31    | ppb   |
| Silver     | 107-1 | 1.06    | 1.08    | 1.06    | 1.06       | 1.35    | ppb   |
| Silver     | 109-1 | 1.05    | 1.05    | 1.13    | 1.08       | 3.99    | ppb   |
| Sodium     | 23-1  | 545.09  | 535.83  | 538.06  | 539.66     | 0.90    | ppb   |
| Strontium  | 86-1  | 1.20    | 1.07    | 0.95    | 1.08       | 11.57   | ppb   |
| Strontium  | 88-1  | 1.09    | 1.05    | 1.04    | 1.06       | 2.37    | ppb   |
| Sulfur     | 34-1  | 202.64  | 17.13   | 245.21  | 154.99     | 78.25   | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 1.14    | 1.15    | 1.14    | 1.14       | 0.42    | ppb   |
| Thallium   | 205-1 | 1.15    | 1.14    | 1.12    | 1.13       | 1.31    | ppb   |
| Thorium    | 232-1 | 0.00    | 0.00    | 0.00    | 0.00       | 19.61   | ppb   |
| Tin        | 118-1 | 5.38    | 5.30    | 5.36    | 5.35       | 0.81    | ppb   |
| Titanium   | 47-1  | 4.93    | 5.01    | 5.51    | 5.15       | 6.06    | ppb   |
| Uranium    | 238-1 | 0.95    | 0.95    | 0.93    | 0.94       | 1.19    | ppb   |
| Vanadium   | 51-1  | 5.25    | 5.28    | 5.26    | 5.26       | 0.27    | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Zinc       | 66-1  | 2.60    | 2.51    | 2.54    | 2.55       | 1.70    | ppb   |
| Zirconium  | 90-1  | 1.04    | 1.00    | 1.04    | 1.03       | 2.23    | ppb   |
| Zirconium  | 91-1  | 0.95    | 1.06    | 1.03    | 1.01       | 5.64    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | CRIRE               | Instrumnet Name : | P7        |
| Client Sample ID :      | CRIRE               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:44:47 | DataFile Name :   | 020LLCC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-1  | 20.35   | 20.55   | 20.39   | 20.43      | 0.52    | ppb   |
| Antimony   | 121-1 | 1.98    | 2.14    | 2.08    | 2.07       | 3.88    | ppb   |
| Arsenic    | 75-1  | 1.13    | 0.99    | 1.51    | 1.21       | 22.09   | ppb   |
| Barium     | 135-1 | 9.95    | 10.12   | 10.49   | 10.19      | 2.72    | ppb   |
| Barium     | 137-1 | 10.28   | 10.72   | 10.29   | 10.43      | 2.41    | ppb   |
| Beryllium  | 9-1   | 1.12    | 1.02    | 1.03    | 1.06       | 5.42    | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 25.63   | 27.12   | 27.42   | 26.72      | 3.57    | ppb   |
| Boron      | 11-1  | 25.41   | 26.76   | 27.94   | 26.70      | 4.74    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 1.04    | 1.08    | 1.18    | 1.10       | 6.65    | ppb   |
| Cadmium    | 106-1 | 1.14    | 0.04    | 1.88    | 1.02       | 90.70   | ppb   |
| Cadmium    | 108-1 | 1.25    | 0.89    | 1.24    | 1.13       | 18.39   | ppb   |
| Calcium    | 43-1  | 480.31  | 518.86  | 491.72  | 496.96     | 3.98    | ppb   |
| Calcium    | 44-1  | 512.80  | 512.17  | 511.45  | 512.14     | 0.13    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chromium   | 52-1  | 2.09    | 2.06    | 2.06    | 2.07       | 0.81    | ppb   |
| Cobalt     | 59-1  | 1.06    | 1.08    | 1.07    | 1.07       | 0.85    | ppb   |
| Copper     | 63-1  | 2.20    | 2.19    | 2.24    | 2.21       | 1.05    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Iron       | 56-1  | 53.89   | 53.02   | 54.02   | 53.64      | 1.02    | ppb   |
| Iron       | 57-1  | 51.45   | 52.00   | 56.79   | 53.41      | 5.51    | ppb   |
| Iron       | 54-1  |         |         |         |            |         | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 1.03    | 0.99    | 0.98    | 1.00       | 2.65    | ppb   |
| Lead       | 207-1 | 1.05    | 1.03    | 1.05    | 1.04       | 1.38    | ppb   |
| Lead       | 208-1 | 1.04    | 1.02    | 1.04    | 1.03       | 1.32    | ppb   |
| Lithium    | 6-1   |         |         |         | 93         |         | %     |
| Magnesium  | 24-1  | 492.71  | 484.13  | 490.40  | 489.08     | 0.91    | ppb   |
| Manganese  | 55-1  | 1.07    | 1.08    | 1.10    | 1.09       | 1.35    | ppb   |
| Molybdenum | 94-1  | 4.94    | 5.06    | 4.90    | 4.97       | 1.66    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | CRIRE               | Instrumnet Name : | P7        |
| Client Sample ID :      | CRIRE               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:44:47 | DataFile Name :   | 020LLCC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 95-1  | 4.96    | 5.10    | 5.11    | 5.06       | 1.75    | ppb   |
| Molybdenum | 96-1  | 5.06    | 4.99    | 4.97    | 5.00       | 0.90    | ppb   |
| Molybdenum | 97-1  | 4.98    | 5.06    | 4.75    | 4.93       | 3.29    | ppb   |
| Molybdenum | 98-1  | 5.00    | 5.01    | 4.91    | 4.97       | 1.15    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Nickel     | 60-1  | 1.15    | 1.13    | 1.13    | 1.14       | 1.07    | ppb   |
| Phosphorus | 31-1  | 6.39    | 3.69    | 5.08    | 5.05       | 26.73   | ppb   |
| Potassium  | 39-1  | 513.93  | 507.70  | 508.32  | 509.98     | 0.67    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 94         |         | %     |
| Selenium   | 77-1  | 4.62    | 4.85    | 7.54    | 5.67       | 28.59   | ppb   |
| Selenium   | 78-1  |         |         |         |            |         | ppb   |
| Selenium   | 82-1  | 3.60    | 4.21    | 5.18    | 4.33       | 18.48   | ppb   |
| Silicon    | 28-1  | 5.90    | 5.87    | 6.19    | 5.98       | 2.94    | ppb   |
| Silver     | 107-1 | 1.02    | 1.04    | 1.11    | 1.05       | 4.29    | ppb   |
| Silver     | 109-1 | 1.06    | 1.06    | 1.05    | 1.06       | 0.62    | ppb   |
| Sodium     | 23-1  | 525.11  | 526.38  | 529.29  | 526.93     | 0.41    | ppb   |
| Strontium  | 86-1  | 1.02    | 1.02    | 0.95    | 1.00       | 3.94    | ppb   |
| Strontium  | 88-1  | 1.09    | 1.03    | 1.02    | 1.05       | 3.68    | ppb   |
| Sulfur     | 34-1  | 456.01  | 310.95  | 518.80  | 428.59     | 24.87   | ppb   |
| Terbium    | 159-1 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 1.10    | 1.12    | 1.08    | 1.10       | 1.78    | ppb   |
| Thallium   | 205-1 | 1.13    | 1.12    | 1.10    | 1.12       | 1.39    | ppb   |
| Thorium    | 232-1 | 0.00    | 0.00    | 0.00    | 0.00       | 116.77  | ppb   |
| Tin        | 118-1 | 5.13    | 5.40    | 5.17    | 5.23       | 2.84    | ppb   |
| Titanium   | 47-1  | 5.03    | 5.37    | 5.18    | 5.20       | 3.29    | ppb   |
| Uranium    | 238-1 | 0.97    | 0.94    | 0.96    | 0.96       | 1.52    | ppb   |
| Vanadium   | 51-1  | 5.14    | 5.11    | 5.12    | 5.12       | 0.35    | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Zinc       | 66-1  | 3.39    | 3.46    | 3.56    | 3.47       | 2.45    | ppb   |
| Zirconium  | 90-1  | 1.01    | 1.01    | 0.97    | 0.99       | 2.41    | ppb   |
| Zirconium  | 91-1  | 0.95    | 1.03    | 0.86    | 0.95       | 8.93    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | M3035-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | PT-TM-WS            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:51:21 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-1  | 806.26  | 821.85  | 805.70  | 811.27     | 1.13    | ppb   |
| Antimony   | 121-1 | 27.63   | 28.34   | 28.16   | 28.05      | 1.30    | ppb   |
| Arsenic    | 75-1  | 42.37   | 43.22   | 42.86   | 42.82      | 1.00    | ppb   |
| Barium     | 135-1 | 979.79  | 1013.55 | 994.23  | 995.85     | 1.70    | ppb   |
| Barium     | 137-1 | 983.72  | 1013.15 | 1003.02 | 999.97     | 1.50    | ppb   |
| Beryllium  | 9-1   | 9.00    | 8.72    | 8.78    | 8.83       | 1.62    | ppb   |
| Bismuth    | 209-1 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 1042.24 | 1119.33 | 1135.82 | 1099.13    | 4.54    | ppb   |
| Boron      | 11-1  | 1058.18 | 1147.79 | 1171.68 | 1125.88    | 5.31    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 11.98   | 12.00   | 12.06   | 12.02      | 0.33    | ppb   |
| Cadmium    | 106-1 | 11.92   | 7.94    | 9.85    | 9.90       | 20.08   | ppb   |
| Cadmium    | 108-1 | 11.22   | 10.74   | 9.75    | 10.57      | 7.07    | ppb   |
| Calcium    | 43-1  | 13.63   | 2.85    | 9.54    | 8.68       | 62.70   | ppb   |
| Calcium    | 44-1  | 9.27    | 8.53    | 8.91    | 8.90       | 4.14    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chromium   | 52-1  | 169.58  | 170.65  | 169.03  | 169.75     | 0.49    | ppb   |
| Cobalt     | 59-1  | 0.05    | 0.05    | 0.04    | 0.05       | 11.50   | ppb   |
| Copper     | 63-1  | 993.07  | 1008.29 | 986.70  | 996.02     | 1.11    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Iron       | 56-1  | 918.09  | 930.44  | 911.12  | 919.88     | 1.06    | ppb   |
| Iron       | 57-1  | 895.72  | 905.73  | 894.50  | 898.65     | 0.69    | ppb   |
| Iron       | 54-1  |         |         |         |            |         | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 66.78   | 66.00   | 64.82   | 65.87      | 1.50    | ppb   |
| Lead       | 207-1 | 66.67   | 66.16   | 64.83   | 65.89      | 1.45    | ppb   |
| Lead       | 208-1 | 66.83   | 66.38   | 64.83   | 66.01      | 1.59    | ppb   |
| Lithium    | 6-1   |         |         |         | 94         |         | %     |
| Magnesium  | 24-1  | 1.47    | 1.46    | 1.40    | 1.45       | 2.63    | ppb   |
| Manganese  | 55-1  | 771.32  | 790.24  | 768.68  | 776.75     | 1.51    | ppb   |
| Molybdenum | 94-1  | 18.22   | 18.29   | 18.01   | 18.17      | 0.82    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | M3035-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | PT-TM-WS            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:51:21 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 95-1  | 25.57   | 25.56   | 25.87   | 25.67      | 0.68    | ppb   |
| Molybdenum | 96-1  | 25.11   | 24.69   | 25.00   | 24.94      | 0.88    | ppb   |
| Molybdenum | 97-1  | 25.54   | 25.66   | 26.05   | 25.75      | 1.04    | ppb   |
| Molybdenum | 98-1  | 25.73   | 25.66   | 25.80   | 25.73      | 0.26    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Nickel     | 60-1  | 267.76  | 269.60  | 266.54  | 267.97     | 0.57    | ppb   |
| Phosphorus | 31-1  | 3.77    | 4.62    | 4.06    | 4.15       | 10.32   | ppb   |
| Potassium  | 39-1  | 15.26   | 18.33   | 14.56   | 16.05      | 12.50   | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 94         |         | %     |
| Selenium   | 77-1  | 17.43   | 20.10   | 19.56   | 19.03      | 7.40    | ppb   |
| Selenium   | 78-1  |         |         |         |            |         | ppb   |
| Selenium   | 82-1  | 19.14   | 18.43   | 19.64   | 19.07      | 3.19    | ppb   |
| Silicon    | 28-1  | 53.16   | 53.44   | 51.89   | 52.83      | 1.56    | ppb   |
| Silver     | 107-1 | 167.88  | 174.76  | 169.17  | 170.60     | 2.14    | ppb   |
| Silver     | 109-1 | 169.01  | 174.85  | 170.86  | 171.57     | 1.74    | ppb   |
| Sodium     | 23-1  | 34.94   | 35.31   | 34.62   | 34.96      | 0.99    | ppb   |
| Strontium  | 86-1  | -0.02   | -0.03   | -0.06   | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.02    | 0.03    | 0.03    | 0.03       | 8.32    | ppb   |
| Sulfur     | 34-1  | 190.65  | 11.64   | -209.21 | -2.31      |         | ppb   |
| Terbium    | 159-1 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 5.27    | 5.28    | 5.17    | 5.24       | 1.15    | ppb   |
| Thallium   | 205-1 | 5.31    | 5.37    | 5.27    | 5.32       | 0.97    | ppb   |
| Thorium    | 232-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | 0.01    | 0.02    | 0.03    | 0.02       | 32.50   | ppb   |
| Titanium   | 47-1  | 0.08    | 0.04    | 0.00    | 0.04       | 110.66  | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 45.87   | ppb   |
| Vanadium   | 51-1  | 403.21  | 411.02  | 396.81  | 403.68     | 1.76    | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Zinc       | 66-1  | 1432.63 | 1451.59 | 1435.51 | 1439.91    | 0.71    | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.05    | 0.05    | 0.05       | 8.44    | ppb   |
| Zirconium  | 91-1  | 0.06    | 0.10    | 0.07    | 0.08       | 26.33   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | M3035-04RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | PT-TM-WSRE          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:53:54 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-1  | 834.86  | 813.11  | 814.30  | 820.75     | 1.49    | ppb   |
| Antimony   | 121-1 | 29.05   | 28.02   | 28.65   | 28.57      | 1.81    | ppb   |
| Arsenic    | 75-1  | 44.35   | 43.65   | 41.78   | 43.26      | 3.07    | ppb   |
| Barium     | 135-1 | 1018.12 | 996.01  | 1010.19 | 1008.11    | 1.11    | ppb   |
| Barium     | 137-1 | 1016.08 | 1000.26 | 1022.56 | 1012.97    | 1.13    | ppb   |
| Beryllium  | 9-1   | 9.05    | 9.11    | 9.07    | 9.08       | 0.37    | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 1098.05 | 1169.56 | 1205.07 | 1157.56    | 4.71    | ppb   |
| Boron      | 11-1  | 1121.79 | 1177.60 | 1214.61 | 1171.33    | 3.99    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 12.37   | 12.09   | 12.58   | 12.35      | 1.97    | ppb   |
| Cadmium    | 106-1 | 9.14    | 9.70    | 12.66   | 10.50      | 17.99   | ppb   |
| Cadmium    | 108-1 | 11.00   | 10.96   | 10.90   | 10.95      | 0.44    | ppb   |
| Calcium    | 43-1  | 2.28    | 5.48    | 9.11    | 5.62       | 60.73   | ppb   |
| Calcium    | 44-1  | 9.01    | 7.63    | 8.62    | 8.42       | 8.42    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chromium   | 52-1  | 174.48  | 171.29  | 171.74  | 172.50     | 1.00    | ppb   |
| Cobalt     | 59-1  | 0.06    | 0.05    | 0.05    | 0.05       | 7.54    | ppb   |
| Copper     | 63-1  | 1021.46 | 1002.19 | 1006.82 | 1010.16    | 1.00    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Iron       | 56-1  | 946.00  | 924.24  | 935.87  | 935.37     | 1.16    | ppb   |
| Iron       | 57-1  | 924.40  | 898.36  | 911.79  | 911.52     | 1.43    | ppb   |
| Iron       | 54-1  |         |         |         |            |         | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 69.13   | 67.02   | 66.94   | 67.70      | 1.83    | ppb   |
| Lead       | 207-1 | 68.98   | 66.73   | 66.70   | 67.47      | 1.94    | ppb   |
| Lead       | 208-1 | 68.68   | 66.71   | 66.66   | 67.35      | 1.71    | ppb   |
| Lithium    | 6-1   |         |         |         | 93         |         | %     |
| Magnesium  | 24-1  | 0.62    | 0.54    | 0.53    | 0.56       | 9.53    | ppb   |
| Manganese  | 55-1  | 804.13  | 777.04  | 793.96  | 791.71     | 1.73    | ppb   |
| Molybdenum | 94-1  | 18.90   | 18.38   | 18.82   | 18.70      | 1.50    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | M3035-04RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | PT-TM-WSRE          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:53:54 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 95-1  | 26.37   | 25.99   | 26.05   | 26.14      | 0.79    | ppb   |
| Molybdenum | 96-1  | 25.69   | 25.01   | 25.32   | 25.34      | 1.34    | ppb   |
| Molybdenum | 97-1  | 26.61   | 26.05   | 25.86   | 26.17      | 1.49    | ppb   |
| Molybdenum | 98-1  | 26.56   | 26.06   | 25.71   | 26.11      | 1.63    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Nickel     | 60-1  | 274.06  | 270.21  | 268.80  | 271.02     | 1.00    | ppb   |
| Phosphorus | 31-1  | 7.28    | 5.08    | 2.84    | 5.06       | 43.81   | ppb   |
| Potassium  | 39-1  | 20.99   | 11.31   | 18.95   | 17.08      | 29.88   | ppb   |
| Rhodium    | 103-1 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 92         |         | %     |
| Selenium   | 77-1  | 18.73   | 17.75   | 17.92   | 18.13      | 2.89    | ppb   |
| Selenium   | 78-1  |         |         |         |            |         | ppb   |
| Selenium   | 82-1  | 19.55   | 19.12   | 19.13   | 19.27      | 1.27    | ppb   |
| Silicon    | 28-1  | 54.80   | 52.49   | 54.18   | 53.82      | 2.22    | ppb   |
| Silver     | 107-1 | 175.43  | 170.80  | 175.06  | 173.76     | 1.48    | ppb   |
| Silver     | 109-1 | 176.68  | 172.57  | 173.90  | 174.38     | 1.20    | ppb   |
| Sodium     | 23-1  | 34.41   | 32.91   | 33.75   | 33.69      | 2.23    | ppb   |
| Strontium  | 86-1  | -0.07   | -0.04   | -0.09   | -0.06      |         | ppb   |
| Strontium  | 88-1  | 0.02    | 0.02    | 0.02    | 0.02       | 19.77   | ppb   |
| Sulfur     | 34-1  | -249.95 | -687.47 | -456.44 | -464.62    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 5.61    | 5.37    | 5.47    | 5.48       | 2.26    | ppb   |
| Thallium   | 205-1 | 5.57    | 5.38    | 5.37    | 5.44       | 2.12    | ppb   |
| Thorium    | 232-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | 0.01    | 0.05    | 0.01    | 0.02       | 89.23   | ppb   |
| Titanium   | 47-1  | 0.05    | 0.06    | 0.03    | 0.05       | 33.85   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 74.82   | ppb   |
| Vanadium   | 51-1  | 415.33  | 404.87  | 408.99  | 409.73     | 1.29    | ppb   |
| Yttrium    | 89-1  |         |         |         | 98         |         | %     |
| Zinc       | 66-1  | 1480.48 | 1447.32 | 1462.43 | 1463.41    | 1.13    | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.05    | 0.04    | 0.05       | 24.49   | ppb   |
| Zirconium  | 91-1  | 0.07    | 0.05    | 0.05    | 0.06       | 19.88   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | PB137921BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB137921BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:58:00 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-1  | -0.34   | -0.36   | -0.36   | -0.35      |         | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.00    | 0.01       | 89.04   | ppb   |
| Arsenic    | 75-1  | 0.00    | 0.01    | 0.15    | 0.06       | 146.55  | ppb   |
| Barium     | 135-1 | -0.01   | -0.01   | 0.01    | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.01    | 0.01       | 16.29   | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.03    | 0.02    | 0.02       | 43.13   | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 35.28   | 36.40   | 33.35   | 35.01      | 4.42    | ppb   |
| Boron      | 11-1  | 36.36   | 34.99   | 33.37   | 34.91      | 4.29    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.13   | 0.00    | -0.03   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -1.62   | 0.03    | -0.52   | -0.70      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.16    | -0.15   | 0.00       |         | ppb   |
| Calcium    | 43-1  | -0.51   | 0.55    | -1.33   | -0.43      |         | ppb   |
| Calcium    | 44-1  | 0.79    | 2.06    | 0.55    | 1.13       | 71.46   | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chromium   | 52-1  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Cobalt     | 59-1  | 0.01    | 0.01    | 0.01    | 0.01       | 50.15   | ppb   |
| Copper     | 63-1  | 0.09    | 0.08    | 0.07    | 0.08       | 10.82   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Iron       | 56-1  | -4.55   | -5.28   | -5.35   | -5.06      |         | ppb   |
| Iron       | 57-1  | -1.88   | -2.73   | -8.97   | -4.53      |         | ppb   |
| Iron       | 54-1  |         |         |         |            |         | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.03    | 0.02    | 0.03    | 0.02       | 27.79   | ppb   |
| Lead       | 207-1 | 0.05    | 0.04    | 0.03    | 0.04       | 29.33   | ppb   |
| Lead       | 208-1 | 0.04    | 0.03    | 0.03    | 0.03       | 14.91   | ppb   |
| Lithium    | 6-1   |         |         |         | 93         |         | %     |
| Magnesium  | 24-1  | 0.46    | 0.48    | 0.46    | 0.46       | 2.81    | ppb   |
| Manganese  | 55-1  | 0.04    | 0.02    | 0.04    | 0.04       | 38.98   | ppb   |
| Molybdenum | 94-1  | -0.01   | 0.03    | 0.00    | 0.01       | 285.87  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | PB137921BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB137921BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:58:00 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 95-1  | 0.00    | 0.01    | 0.01    | 0.00       | 55.57   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.02    | 0.02    | 0.02       | 39.22   | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.01    | 0.02    | 0.01       | 27.08   | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.01    | 0.01    | 0.01       | 44.62   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Nickel     | 60-1  | 0.00    | 0.01    | 0.00    | 0.00       | 124.90  | ppb   |
| Phosphorus | 31-1  | 3.09    | 3.27    | 4.45    | 3.60       | 20.45   | ppb   |
| Potassium  | 39-1  | 13.05   | 10.84   | 10.39   | 11.43      | 12.46   | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 93         |         | %     |
| Selenium   | 77-1  | -0.34   | -0.33   | 0.18    | -0.16      |         | ppb   |
| Selenium   | 78-1  |         |         |         |            |         | ppb   |
| Selenium   | 82-1  | 0.50    | -0.21   | -1.02   | -0.24      |         | ppb   |
| Silicon    | 28-1  | -1.82   | -3.09   | -2.84   | -2.58      |         | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.02    | 0.01       | 56.06   | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.01    | 0.01       | 24.17   | ppb   |
| Sodium     | 23-1  | 9.02    | 8.60    | 8.11    | 8.58       | 5.30    | ppb   |
| Strontium  | 86-1  | -0.11   | -0.06   | 0.02    | -0.05      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -479.53 | -520.35 | -631.08 | -543.66    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.05    | 0.05    | 0.06    | 0.06       | 8.04    | ppb   |
| Thallium   | 205-1 | 0.06    | 0.05    | 0.06    | 0.06       | 9.75    | ppb   |
| Thorium    | 232-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.01   | 0.02    | 0.02    | 0.01       | 263.32  | ppb   |
| Titanium   | 47-1  | 0.01    | 0.04    | 0.01    | 0.02       | 91.83   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-1  | 0.01    | 0.01    | 0.00    | 0.01       | 43.68   | ppb   |
| Yttrium    | 89-1  |         |         |         | 98         |         | %     |
| Zinc       | 66-1  | 0.09    | 0.13    | 0.02    | 0.08       | 69.75   | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 195.13  | ppb   |
| Zirconium  | 91-1  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | PB137921BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB137921BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 13:00:34 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-1  | 9578.07  | 9893.79  | 9757.04  | 9742.97    | 1.63    | ppb   |
| Antimony   | 121-1 | 490.20   | 498.58   | 497.38   | 495.39     | 0.91    | ppb   |
| Arsenic    | 75-1  | 484.95   | 495.15   | 489.85   | 489.98     | 1.04    | ppb   |
| Barium     | 135-1 | 2447.26  | 2473.96  | 2500.06  | 2473.76    | 1.07    | ppb   |
| Barium     | 137-1 | 2501.34  | 2503.19  | 2521.17  | 2508.57    | 0.44    | ppb   |
| Beryllium  | 9-1   | 492.15   | 492.71   | 492.69   | 492.52     | 0.06    | ppb   |
| Bismuth    | 209-1 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 480.95   | 499.08   | 513.99   | 498.01     | 3.32    | ppb   |
| Boron      | 11-1  | 492.01   | 509.02   | 517.62   | 506.22     | 2.57    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 500.67   | 500.86   | 505.30   | 502.28     | 0.52    | ppb   |
| Cadmium    | 106-1 | 495.52   | 500.85   | 507.00   | 501.12     | 1.15    | ppb   |
| Cadmium    | 108-1 | 496.49   | 498.35   | 498.17   | 497.67     | 0.21    | ppb   |
| Calcium    | 43-1  | 49094.90 | 50394.42 | 50638.88 | 50042.73   | 1.66    | ppb   |
| Calcium    | 44-1  | 46684.33 | 47420.23 | 47727.93 | 47277.50   | 1.13    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chromium   | 52-1  | 488.90   | 499.53   | 499.31   | 495.91     | 1.23    | ppb   |
| Cobalt     | 59-1  | 490.21   | 500.79   | 493.86   | 494.95     | 1.09    | ppb   |
| Copper     | 63-1  | 4919.77  | 5063.93  | 5011.23  | 4998.31    | 1.46    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 94         |         | %     |
| Iron       | 56-1  | 24920.44 | 25390.75 | 25244.59 | 25185.26   | 0.96    | ppb   |
| Iron       | 57-1  | 24582.33 | 25359.62 | 25042.04 | 24994.66   | 1.56    | ppb   |
| Iron       | 54-1  |          |          |          |            |         | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 2444.96  | 2438.38  | 2469.19  | 2450.84    | 0.66    | ppb   |
| Lead       | 207-1 | 2442.52  | 2465.26  | 2491.16  | 2466.31    | 0.99    | ppb   |
| Lead       | 208-1 | 2447.49  | 2461.04  | 2470.83  | 2459.79    | 0.48    | ppb   |
| Lithium    | 6-1   |          |          |          | 88         |         | %     |
| Magnesium  | 24-1  | 48650.33 | 49905.31 | 50034.65 | 49530.10   | 1.54    | ppb   |
| Manganese  | 55-1  | 4883.91  | 4982.94  | 4974.26  | 4947.04    | 1.11    | ppb   |
| Molybdenum | 94-1  | 2398.88  | 2435.53  | 2429.32  | 2421.24    | 0.81    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | PB137921BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB137921BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 13:00:34 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 95-1  | 2356.93  | 2425.46  | 2423.94  | 2402.11    | 1.63    | ppb   |
| Molybdenum | 96-1  | 2368.18  | 2420.61  | 2470.54  | 2419.78    | 2.12    | ppb   |
| Molybdenum | 97-1  | 2407.58  | 2409.20  | 2420.36  | 2412.38    | 0.29    | ppb   |
| Molybdenum | 98-1  | 2374.37  | 2431.74  | 2406.29  | 2404.13    | 1.20    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Nickel     | 60-1  | 491.90   | 501.98   | 497.02   | 496.97     | 1.01    | ppb   |
| Phosphorus | 31-1  | 10040.56 | 10229.81 | 10225.58 | 10165.32   | 1.06    | ppb   |
| Potassium  | 39-1  | 24258.52 | 24599.48 | 24523.18 | 24460.39   | 0.73    | ppb   |
| Rhodium    | 103-1 |          |          |          | 93         |         | %     |
| Scandium   | 45-1  |          |          |          | 88         |         | %     |
| Selenium   | 77-1  | 485.36   | 489.63   | 499.72   | 491.57     | 1.50    | ppb   |
| Selenium   | 78-1  |          |          |          |            |         | ppb   |
| Selenium   | 82-1  | 476.99   | 492.01   | 484.36   | 484.45     | 1.55    | ppb   |
| Silicon    | 28-1  | 429.23   | 459.36   | 469.21   | 452.60     | 4.60    | ppb   |
| Silver     | 107-1 | 504.08   | 501.21   | 500.24   | 501.84     | 0.40    | ppb   |
| Silver     | 109-1 | 501.58   | 507.83   | 505.88   | 505.10     | 0.63    | ppb   |
| Sodium     | 23-1  | 49346.04 | 50255.83 | 50062.23 | 49888.03   | 0.96    | ppb   |
| Strontium  | 86-1  | 4811.92  | 4910.63  | 4915.12  | 4879.22    | 1.20    | ppb   |
| Strontium  | 88-1  | 4848.96  | 4919.45  | 4923.43  | 4897.28    | 0.86    | ppb   |
| Sulfur     | 34-1  | 9900.05  | 10198.37 | 9934.97  | 10011.13   | 1.63    | ppb   |
| Terbium    | 159-1 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 480.67   | 481.16   | 482.70   | 481.51     | 0.22    | ppb   |
| Thallium   | 205-1 | 489.59   | 485.42   | 490.21   | 488.40     | 0.53    | ppb   |
| Thorium    | 232-1 | 480.80   | 483.22   | 485.44   | 483.15     | 0.48    | ppb   |
| Tin        | 118-1 | 496.28   | 496.94   | 498.92   | 497.38     | 0.28    | ppb   |
| Titanium   | 47-1  | 2419.49  | 2468.29  | 2471.55  | 2453.11    | 1.19    | ppb   |
| Uranium    | 238-1 | 474.39   | 480.43   | 487.45   | 480.76     | 1.36    | ppb   |
| Vanadium   | 51-1  | 484.28   | 495.67   | 496.79   | 492.25     | 1.41    | ppb   |
| Yttrium    | 89-1  |          |          |          | 96         |         | %     |
| Zinc       | 66-1  | 4929.11  | 5033.54  | 4990.95  | 4984.53    | 1.05    | ppb   |
| Zirconium  | 90-1  | 478.37   | 495.73   | 492.82   | 488.97     | 1.90    | ppb   |
| Zirconium  | 91-1  | 473.92   | 485.08   | 482.40   | 480.47     | 1.21    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB115569            | Operator :        | JASWAL   |
| Lab Sample ID :         | CCV41               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV41               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2021-07-27 13:03:07 | DataFile Name :   | 025CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-1  | 48776.51  | 49542.57  | 49958.11  | 49425.73   | 1.21    | ppb   |
| Antimony   | 121-1 | 472.18    | 472.18    | 472.54    | 472.30     | 0.04    | ppb   |
| Arsenic    | 75-1  | 460.36    | 459.54    | 460.59    | 460.16     | 0.12    | ppb   |
| Barium     | 135-1 | 2404.17   | 2373.68   | 2401.72   | 2393.19    | 0.71    | ppb   |
| Barium     | 137-1 | 2485.04   | 2462.31   | 2515.91   | 2487.75    | 1.08    | ppb   |
| Beryllium  | 9-1   | 491.11    | 492.08    | 496.63    | 493.27     | 0.60    | ppb   |
| Bismuth    | 209-1 |           |           |           | 94         |         | %     |
| Boron      | 10-1  | 495.83    | 512.33    | 549.84    | 519.33     | 5.33    | ppb   |
| Boron      | 11-1  | 502.90    | 531.99    | 551.08    | 528.66     | 4.59    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 468.33    | 466.55    | 471.96    | 468.95     | 0.59    | ppb   |
| Cadmium    | 106-1 | 471.74    | 459.14    | 476.21    | 469.03     | 1.89    | ppb   |
| Cadmium    | 108-1 | 474.86    | 462.13    | 465.38    | 467.46     | 1.42    | ppb   |
| Calcium    | 43-1  | 235641.57 | 236710.54 | 245843.58 | 239398.56  | 2.34    | ppb   |
| Calcium    | 44-1  | 237857.34 | 236208.16 | 243829.48 | 239298.32  | 1.68    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chromium   | 52-1  | 491.60    | 495.25    | 507.18    | 498.01     | 1.64    | ppb   |
| Cobalt     | 59-1  | 485.91    | 491.50    | 496.36    | 491.25     | 1.06    | ppb   |
| Copper     | 63-1  | 4750.98   | 4834.21   | 4892.28   | 4825.83    | 1.47    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 93         |         | %     |
| Iron       | 56-1  | 122148.25 | 124143.84 | 125763.55 | 124018.55  | 1.46    | ppb   |
| Iron       | 57-1  | 121458.07 | 123912.00 | 125569.78 | 123646.62  | 1.67    | ppb   |
| Iron       | 54-1  |           |           |           |            |         | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2471.18   | 2436.63   | 2557.68   | 2488.50    | 2.51    | ppb   |
| Lead       | 207-1 | 2486.42   | 2457.52   | 2533.96   | 2492.63    | 1.55    | ppb   |
| Lead       | 208-1 | 2487.63   | 2446.82   | 2530.09   | 2488.18    | 1.67    | ppb   |
| Lithium    | 6-1   |           |           |           | 84         |         | %     |
| Magnesium  | 24-1  | 243541.37 | 247943.71 | 248184.40 | 246556.49  | 1.06    | ppb   |
| Manganese  | 55-1  | 4843.61   | 4929.46   | 5016.66   | 4929.91    | 1.76    | ppb   |
| Molybdenum | 94-1  | 2420.51   | 2430.32   | 2472.38   | 2441.07    | 1.13    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB115569            | Operator :        | JASWAL   |
| Lab Sample ID :         | CCV41               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV41               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2021-07-27 13:03:07 | DataFile Name :   | 025CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 95-1  | 2416.09   | 2416.57   | 2442.05   | 2424.90    | 0.61    | ppb   |
| Molybdenum | 96-1  | 2394.54   | 2418.19   | 2445.30   | 2419.34    | 1.05    | ppb   |
| Molybdenum | 97-1  | 2356.17   | 2337.66   | 2362.90   | 2352.24    | 0.56    | ppb   |
| Molybdenum | 98-1  | 2390.74   | 2406.60   | 2441.53   | 2412.96    | 1.08    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Nickel     | 60-1  | 468.23    | 468.94    | 477.35    | 471.51     | 1.08    | ppb   |
| Phosphorus | 31-1  | 9904.78   | 9896.12   | 10017.21  | 9939.37    | 0.68    | ppb   |
| Potassium  | 39-1  | 120789.01 | 122915.44 | 125696.39 | 123133.62  | 2.00    | ppb   |
| Rhodium    | 103-1 |           |           |           | 89         |         | %     |
| Scandium   | 45-1  |           |           |           | 86         |         | %     |
| Selenium   | 77-1  | 459.41    | 455.63    | 452.45    | 455.83     | 0.76    | ppb   |
| Selenium   | 78-1  |           |           |           |            |         | ppb   |
| Selenium   | 82-1  | 457.18    | 449.09    | 457.47    | 454.58     | 1.05    | ppb   |
| Silicon    | 28-1  | 477.02    | 505.86    | 530.49    | 504.46     | 5.31    | ppb   |
| Silver     | 107-1 | 468.04    | 465.41    | 468.14    | 467.20     | 0.33    | ppb   |
| Silver     | 109-1 | 470.28    | 469.98    | 467.16    | 469.14     | 0.37    | ppb   |
| Sodium     | 23-1  | 242475.49 | 248078.66 | 249726.67 | 246760.28  | 1.54    | ppb   |
| Strontium  | 86-1  | 4820.42   | 4801.58   | 4934.23   | 4852.08    | 1.48    | ppb   |
| Strontium  | 88-1  | 4850.04   | 4811.31   | 4922.12   | 4861.15    | 1.16    | ppb   |
| Sulfur     | 34-1  | 9936.81   | 9891.77   | 10239.32  | 10022.63   | 1.89    | ppb   |
| Terbium    | 159-1 |           |           |           | 98         |         | %     |
| Thallium   | 203-1 | 481.99    | 471.61    | 483.83    | 479.14     | 1.38    | ppb   |
| Thallium   | 205-1 | 497.91    | 485.30    | 501.25    | 494.82     | 1.70    | ppb   |
| Thorium    | 232-1 | 506.17    | 502.29    | 505.39    | 504.62     | 0.41    | ppb   |
| Tin        | 118-1 | 478.28    | 476.29    | 473.63    | 476.07     | 0.49    | ppb   |
| Titanium   | 47-1  | 2431.90   | 2430.67   | 2471.82   | 2444.79    | 0.96    | ppb   |
| Uranium    | 238-1 | 502.67    | 495.98    | 502.90    | 500.52     | 0.79    | ppb   |
| Vanadium   | 51-1  | 498.94    | 505.19    | 511.19    | 505.11     | 1.21    | ppb   |
| Yttrium    | 89-1  |           |           |           | 96         |         | %     |
| Zinc       | 66-1  | 4707.05   | 4789.53   | 4836.36   | 4777.65    | 1.37    | ppb   |
| Zirconium  | 90-1  | 486.17    | 487.33    | 498.86    | 490.78     | 1.43    | ppb   |
| Zirconium  | 91-1  | 472.09    | 467.65    | 474.71    | 471.48     | 0.76    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | CCB41               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB41               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 13:12:52 | DataFile Name :   | 026CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-1  | 1.52    | 1.53    | 1.64    | 1.57       | 4.40    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.05    | 0.04       | 9.94    | ppb   |
| Arsenic    | 75-1  | -0.05   | 0.09    | -0.01   | 0.01       | 933.17  | ppb   |
| Barium     | 135-1 | 0.05    | 0.03    | 0.03    | 0.04       | 37.72   | ppb   |
| Barium     | 137-1 | 0.02    | 0.04    | 0.09    | 0.05       | 69.53   | ppb   |
| Beryllium  | 9-1   | 0.11    | 0.04    | 0.03    | 0.06       | 65.34   | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 12.74   | 11.64   | 10.62   | 11.66      | 9.10    | ppb   |
| Boron      | 11-1  | 12.65   | 11.70   | 11.25   | 11.87      | 5.99    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.20   | 0.01    | -0.01   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -2.78   | -0.13   | -0.34   | -1.08      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | -0.15   | 0.06    | -0.02      |         | ppb   |
| Calcium    | 43-1  | 6.94    | 9.40    | 10.18   | 8.84       | 19.11   | ppb   |
| Calcium    | 44-1  | 11.49   | 10.43   | 10.34   | 10.75      | 5.99    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chromium   | 52-1  | 0.03    | 0.04    | 0.05    | 0.04       | 19.02   | ppb   |
| Cobalt     | 59-1  | 0.02    | 0.02    | 0.01    | 0.02       | 20.69   | ppb   |
| Copper     | 63-1  | 0.18    | 0.19    | 0.19    | 0.18       | 3.95    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Iron       | 56-1  | 8.25    | 5.14    | 5.57    | 6.32       | 26.68   | ppb   |
| Iron       | 57-1  | -0.44   | -0.29   | 0.81    | 0.03       | 2703.54 | ppb   |
| Iron       | 54-1  |         |         |         |            |         | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.16    | 0.15    | 0.12    | 0.14       | 14.86   | ppb   |
| Lead       | 207-1 | 0.13    | 0.14    | 0.14    | 0.14       | 3.19    | ppb   |
| Lead       | 208-1 | 0.16    | 0.15    | 0.13    | 0.15       | 7.99    | ppb   |
| Lithium    | 6-1   |         |         |         | 91         |         | %     |
| Magnesium  | 24-1  | 9.07    | 9.43    | 9.38    | 9.30       | 2.09    | ppb   |
| Manganese  | 55-1  | 0.11    | 0.15    | 0.12    | 0.13       | 16.24   | ppb   |
| Molybdenum | 94-1  | 0.14    | 0.08    | 0.14    | 0.12       | 27.96   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | CCB41               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB41               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 13:12:52 | DataFile Name :   | 026CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 95-1  | 0.07    | 0.11    | 0.06    | 0.08       | 34.88   | ppb   |
| Molybdenum | 96-1  | 0.12    | 0.10    | 0.08    | 0.10       | 20.22   | ppb   |
| Molybdenum | 97-1  | 0.07    | 0.07    | 0.08    | 0.08       | 3.13    | ppb   |
| Molybdenum | 98-1  | 0.10    | 0.10    | 0.09    | 0.09       | 6.83    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Nickel     | 60-1  | 0.01    | 0.01    | 0.03    | 0.02       | 83.94   | ppb   |
| Phosphorus | 31-1  | 8.52    | 5.92    | 9.73    | 8.06       | 24.15   | ppb   |
| Potassium  | 39-1  | 26.68   | 22.20   | 24.40   | 24.43      | 9.17    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 92         |         | %     |
| Selenium   | 77-1  | 0.02    | -0.26   | -0.17   | -0.14      |         | ppb   |
| Selenium   | 78-1  |         |         |         |            |         | ppb   |
| Selenium   | 82-1  | -0.10   | -0.18   | 0.31    | 0.01       | 2907.59 | ppb   |
| Silicon    | 28-1  | -1.58   | -2.05   | -1.75   | -1.79      |         | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.01    | 0.01       | 18.75   | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 31.58   | ppb   |
| Sodium     | 23-1  | 26.39   | 25.34   | 25.52   | 25.75      | 2.18    | ppb   |
| Strontium  | 86-1  | 0.06    | -0.04   | 0.02    | 0.02       | 285.32  | ppb   |
| Strontium  | 88-1  | 0.07    | 0.07    | 0.07    | 0.07       | 2.66    | ppb   |
| Sulfur     | 34-1  | 23.07   | 27.02   | 49.83   | 33.30      | 43.37   | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.03    | 0.04    | 0.03    | 0.03       | 25.17   | ppb   |
| Thallium   | 205-1 | 0.03    | 0.04    | 0.03    | 0.03       | 13.27   | ppb   |
| Thorium    | 232-1 | 0.02    | 0.02    | 0.02    | 0.02       | 17.07   | ppb   |
| Tin        | 118-1 | 0.02    | 0.01    | 0.03    | 0.02       | 40.27   | ppb   |
| Titanium   | 47-1  | 0.04    | 0.07    | 0.08    | 0.07       | 33.14   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 11.89   | ppb   |
| Vanadium   | 51-1  | 0.02    | 0.01    | 0.01    | 0.01       | 23.23   | ppb   |
| Yttrium    | 89-1  |         |         |         | 99         |         | %     |
| Zinc       | 66-1  | 0.40    | 0.41    | 0.35    | 0.39       | 8.00    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.01    | 0.04    | 0.03       | 57.03   | ppb   |
| Zirconium  | 91-1  | 0.01    | 0.04    | 0.00    | 0.02       | 127.53  | ppb   |



LB Number : LB115569 Operator : JASWAL  
 Lab Sample ID : S0 Instrumnet Name : P7  
 Client Sample ID : S0 Dilution Factor : 1  
 Date & Time Acquired :: 2021-07-27 11:07:59 DataFile Name : 003CALB.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-1  | 9483     | 9423     | 9713     | 9539     | 1.61   | cps   |
| Antimony   | 121-1 | 225      | 125      | 200      | 183      | 28.39  | cps   |
| Arsenic    | 75-1  | -1874    | -1667    | -1533    | -1691    | -10.15 | cps   |
| Barium     | 135-1 | 92       | 17       | 25       | 44       | 92.49  | cps   |
| Barium     | 137-1 | 58       | 17       | 25       | 33       | 66.14  | cps   |
| Beryllium  | 9-1   | 44       | 67       | 39       | 50       | 29.40  | cps   |
| Bismuth    | 209-1 | 8274419  | 8353660  | 8402202  | 8343427  | 0.77   | cps   |
| Boron      | 10-1  | 800      | 825      | 792      | 806      | 2.15   | cps   |
| Boron      | 11-1  | 3525     | 3659     | 3867     | 3684     | 4.68   | cps   |
| Bromine    | 81-1  | 7836     | 7544     | 8219     | 7866     | 4.31   | cps   |
| Cadmium    | 111-1 | 3484     | 3506     | 3563     | 3518     | 1.16   | cps   |
| Cadmium    | 106-1 | 4976     | 5043     | 5118     | 5045     | 1.41   | cps   |
| Cadmium    | 108-1 | 29       | 46       | 46       | 40       | 23.88  | cps   |
| Calcium    | 43-1  | 142      | 108      | 192      | 147      | 28.49  | cps   |
| Calcium    | 44-1  | 6918     | 7160     | 6627     | 6902     | 3.87   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chromium   | 52-1  | 13736    | 13226    | 13683    | 13549    | 2.07   | cps   |
| Cobalt     | 59-1  | 400      | 410      | 410      | 407      | 1.42   | cps   |
| Copper     | 63-1  | 1587     | 1560     | 1540     | 1562     | 1.50   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 0        | 8        | 100.02 | cps   |
| Erbium     | 164-1 | 100      | 125      | 67       | 97       | 30.10  | cps   |
| Gadolinium | 160-1 | 83       | 150      | 92       | 108      | 33.53  | cps   |
| Holmium    | 165-1 | 11703080 | 11717206 | 11611883 | 11677390 | 0.49   | cps   |
| Indium     | 115-1 | 8313812  | 8468335  | 8287396  | 8356515  | 1.17   | cps   |
| Iron       | 56-1  | 2521077  | 2513440  | 2487932  | 2507483  | 0.69   | cps   |
| Iron       | 57-1  | 38108    | 36573    | 37165    | 37282    | 2.08   | cps   |
| Iron       | 54-1  |          |          |          |          |        | cps   |
| Krypton    | 83-1  | 700      | 720      | 780      | 733      | 5.68   | cps   |
| Lead       | 206-1 | 989      | 1117     | 1045     | 1050     | 6.10   | cps   |
| Lead       | 207-1 | 972      | 867      | 828      | 889      | 8.41   | cps   |
| Lead       | 208-1 | 4145     | 4345     | 4089     | 4193     | 3.21   | cps   |
| Lithium    | 6-1   | 2856690  | 2906000  | 2842791  | 2868493  | 1.16   | cps   |
| Magnesium  | 24-1  | 7249     | 6428     | 7199     | 6959     | 6.62   | cps   |
| Manganese  | 55-1  | 4746     | 3975     | 4055     | 4258     | 9.95   | cps   |
| Molybdenum | 94-1  | 208      | 292      | 275      | 258      | 17.07  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 11:07:59 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 95-1  | 83       | 42       | 33       | 53       | 50.76  | cps   |
| Molybdenum | 96-1  | 117      | 100      | 75       | 97       | 21.57  | cps   |
| Molybdenum | 97-1  | 0        | 25       | 8        | 11       | 114.58 | cps   |
| Molybdenum | 98-1  | 58       | 67       | 75       | 67       | 12.50  | cps   |
| Neodymium  | 150-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-1  | 507      | 550      | 543      | 533      | 4.38   | cps   |
| Phosphorus | 31-1  | 21507    | 21077    | 21377    | 21320    | 1.04   | cps   |
| Potassium  | 39-1  | 3307370  | 3281038  | 3300263  | 3296223  | 0.41   | cps   |
| Rhodium    | 103-1 | 7692929  | 7706157  | 7680554  | 7693213  | 0.17   | cps   |
| Scandium   | 45-1  | 4926287  | 4940093  | 4896006  | 4920795  | 0.46   | cps   |
| Selenium   | 77-1  | 33       | 83       | 83       | 67       | 43.31  | cps   |
| Selenium   | 78-1  |          |          |          |          |        | cps   |
| Selenium   | 82-1  | 99       | 69       | -31      | 46       | 148.34 | cps   |
| Silicon    | 28-1  | 219715   | 222076   | 220147   | 220646   | 0.57   | cps   |
| Silver     | 107-1 | 142      | 75       | 42       | 86       | 59.13  | cps   |
| Silver     | 109-1 | 33       | 8        | 42       | 28       | 62.46  | cps   |
| Sodium     | 23-1  | 216124   | 216146   | 216409   | 216226   | 0.07   | cps   |
| Strontium  | 86-1  | 1308     | 1350     | 1300     | 1320     | 2.03   | cps   |
| Strontium  | 88-1  | 217      | 258      | 283      | 253      | 13.32  | cps   |
| Sulfur     | 34-1  | 508779   | 508575   | 505063   | 507472   | 0.41   | cps   |
| Terbium    | 159-1 | 12028001 | 11914457 | 11782548 | 11908336 | 1.03   | cps   |
| Thallium   | 203-1 | 275      | 175      | 258      | 236      | 22.69  | cps   |
| Thallium   | 205-1 | 500      | 492      | 517      | 503      | 2.53   | cps   |
| Thorium    | 232-1 | 183      | 200      | 194      | 193      | 4.41   | cps   |
| Tin        | 118-1 | 550      | 542      | 525      | 539      | 2.36   | cps   |
| Titanium   | 47-1  | 42       | 83       | 75       | 67       | 33.07  | cps   |
| Uranium    | 238-1 | 42       | 0        | 17       | 19       | 107.85 | cps   |
| Vanadium   | 51-1  | 50       | 70       | 80       | 67       | 22.91  | cps   |
| Yttrium    | 89-1  | 11796811 | 11735109 | 11754736 | 11762219 | 0.27   | cps   |
| Zinc       | 66-1  | 1980     | 2070     | 1943     | 1998     | 3.26   | cps   |
| Zirconium  | 90-1  | 592      | 725      | 808      | 708      | 15.43  | cps   |
| Zirconium  | 91-1  | 208      | 133      | 158      | 167      | 22.91  | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB115569            | Operator :        | JASWAL     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2021-07-27 11:10:41 | DataFile Name :   | 004CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Aluminium  | 27-1  | 240905   | 242798   | 242228   | 241977   | 0.40    | cps   |
| Antimony   | 121-1 | 17052    | 17979    | 16460    | 17164    | 4.46    | cps   |
| Arsenic    | 75-1  | -19      | -163     | 29       | -51      | -196.08 | cps   |
| Barium     | 135-1 | 20390    | 21375    | 20741    | 20835    | 2.40    | cps   |
| Barium     | 137-1 | 36440    | 36590    | 36833    | 36621    | 0.54    | cps   |
| Beryllium  | 9-1   | 1867     | 2061     | 1939     | 1956     | 5.03    | cps   |
| Bismuth    | 209-1 | 8342810  | 8538267  | 8318308  | 8399795  | 1.44    | cps   |
| Boron      | 10-1  | 6018     | 6527     | 6360     | 6301     | 4.11    | cps   |
| Boron      | 11-1  | 27584    | 28937    | 30698    | 29073    | 5.37    | cps   |
| Bromine    | 81-1  | 7861     | 7544     | 7419     | 7608     | 2.99    | cps   |
| Cadmium    | 111-1 | 5864     | 6420     | 5739     | 6008     | 6.03    | cps   |
| Cadmium    | 106-1 | 5293     | 5785     | 5301     | 5460     | 5.16    | cps   |
| Cadmium    | 108-1 | 250      | 263      | 233      | 249      | 5.89    | cps   |
| Calcium    | 43-1  | 12230    | 12647    | 12873    | 12583    | 2.59    | cps   |
| Calcium    | 44-1  | 205652   | 201157   | 206049   | 204286   | 1.33    | cps   |
| Carbon     | 12-1  |          |          |          |          |         | cps   |
| Chlorine   | 35-1  |          |          |          |          |         | cps   |
| Chromium   | 52-1  | 41695    | 41351    | 42213    | 41753    | 1.04    | cps   |
| Cobalt     | 59-1  | 16416    | 16687    | 16837    | 16646    | 1.28    | cps   |
| Copper     | 63-1  | 18532    | 18312    | 18208    | 18350    | 0.90    | cps   |
| Dysprosium | 156-1 | 0        | 8        | 8        | 6        | 86.60   | cps   |
| Erbium     | 164-1 | 117      | 58       | 83       | 86       | 33.99   | cps   |
| Gadolinium | 160-1 | 133      | 67       | 75       | 92       | 39.63   | cps   |
| Holmium    | 165-1 | 11804839 | 11724965 | 11753026 | 11760943 | 0.34    | cps   |
| Indium     | 115-1 | 8373213  | 8326123  | 8328757  | 8342698  | 0.32    | cps   |
| Iron       | 56-1  | 3373406  | 3361917  | 3351829  | 3362384  | 0.32    | cps   |
| Iron       | 57-1  | 58284    | 58616    | 59832    | 58910    | 1.38    | cps   |
| Iron       | 54-1  |          |          |          |          |         | cps   |
| Krypton    | 83-1  | 743      | 747      | 700      | 730      | 3.57    | cps   |
| Lead       | 206-1 | 9626     | 9843     | 9465     | 9644     | 1.97    | cps   |
| Lead       | 207-1 | 8197     | 9025     | 8625     | 8616     | 4.81    | cps   |
| Lead       | 208-1 | 38628    | 39401    | 39312    | 39114    | 1.08    | cps   |
| Lithium    | 6-1   | 2898468  | 2920516  | 2891210  | 2903398  | 0.53    | cps   |
| Magnesium  | 24-1  | 4755074  | 4829894  | 4786807  | 4790592  | 0.78    | cps   |
| Manganese  | 55-1  | 25328    | 25137    | 24496    | 24987    | 1.75    | cps   |
| Molybdenum | 94-1  | 16785    | 16827    | 17069    | 16894    | 0.91    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 11:10:41 | DataFile Name :   | 004CALS.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 95-1  | 20448    | 21433    | 20999    | 20960    | 2.35   | cps   |
| Molybdenum | 96-1  | 23437    | 22877    | 23345    | 23219    | 1.29   | cps   |
| Molybdenum | 97-1  | 12956    | 13298    | 13006    | 13087    | 1.41   | cps   |
| Molybdenum | 98-1  | 33699    | 34768    | 33816    | 34094    | 1.72   | cps   |
| Neodymium  | 150-1 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Nickel     | 60-1  | 4251     | 4181     | 4264     | 4232     | 1.06   | cps   |
| Phosphorus | 31-1  | 22109    | 21187    | 22570    | 21955    | 3.21   | cps   |
| Potassium  | 39-1  | 8775658  | 8719102  | 8836630  | 8777130  | 0.67   | cps   |
| Rhodium    | 103-1 | 7806814  | 7803053  | 7766909  | 7792258  | 0.28   | cps   |
| Scandium   | 45-1  | 4932129  | 4945051  | 4973631  | 4950270  | 0.43   | cps   |
| Selenium   | 77-1  | 592      | 675      | 625      | 631      | 6.65   | cps   |
| Selenium   | 78-1  |          |          |          |          |        | cps   |
| Selenium   | 82-1  | 752      | 819      | 843      | 805      | 5.89   | cps   |
| Silicon    | 28-1  | 271675   | 272287   | 274424   | 272795   | 0.53   | cps   |
| Silver     | 107-1 | 10871    | 11563    | 11138    | 11191    | 3.12   | cps   |
| Silver     | 109-1 | 10604    | 11296    | 10804    | 10902    | 3.27   | cps   |
| Sodium     | 23-1  | 7040244  | 7158103  | 7149144  | 7115830  | 0.92   | cps   |
| Strontium  | 86-1  | 3851     | 3992     | 3726     | 3856     | 3.46   | cps   |
| Strontium  | 88-1  | 22477    | 22652    | 23036    | 22721    | 1.26   | cps   |
| Sulfur     | 34-1  | 507738   | 506791   | 510342   | 508291   | 0.36   | cps   |
| Terbium    | 159-1 | 11913105 | 12026424 | 12081009 | 12006846 | 0.71   | cps   |
| Thallium   | 203-1 | 10454    | 10162    | 10029    | 10215    | 2.13   | cps   |
| Thallium   | 205-1 | 25057    | 24632    | 25850    | 25180    | 2.46   | cps   |
| Thorium    | 232-1 | 183      | 144      | 250      | 193      | 27.72  | cps   |
| Tin        | 118-1 | 35863    | 37843    | 36540    | 36749    | 2.74   | cps   |
| Titanium   | 47-1  | 5518     | 5626     | 5593     | 5579     | 0.99   | cps   |
| Uranium    | 238-1 | 35365    | 35875    | 35733    | 35657    | 0.74   | cps   |
| Vanadium   | 51-1  | 78870    | 79111    | 77842    | 78608    | 0.86   | cps   |
| Yttrium    | 89-1  | 11822749 | 11781178 | 11730789 | 11778239 | 0.39   | cps   |
| Zinc       | 66-1  | 8232     | 8352     | 8496     | 8360     | 1.58   | cps   |
| Zirconium  | 90-1  | 12990    | 13924    | 13815    | 13576    | 3.76   | cps   |
| Zirconium  | 91-1  | 2992     | 3050     | 3092     | 3045     | 1.65   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 11:13:24 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-1  | 10277064 | 10260760 | 10169946 | 10235924 | 0.56   | cps   |
| Antimony   | 121-1 | 414285   | 416421   | 413069   | 414592   | 0.41   | cps   |
| Arsenic    | 75-1  | 82742    | 84097    | 82963    | 83268    | 0.87   | cps   |
| Barium     | 135-1 | 494059   | 494505   | 492929   | 493831   | 0.16   | cps   |
| Barium     | 137-1 | 862543   | 868757   | 866504   | 865935   | 0.36   | cps   |
| Beryllium  | 9-1   | 91786    | 91389    | 90852    | 91342    | 0.51   | cps   |
| Bismuth    | 209-1 | 7934263  | 8258735  | 8440335  | 8211111  | 3.12   | cps   |
| Boron      | 10-1  | 10971    | 11630    | 12205    | 11602    | 5.32   | cps   |
| Boron      | 11-1  | 50936    | 54666    | 56456    | 54019    | 5.21   | cps   |
| Bromine    | 81-1  | 8111     | 7861     | 6960     | 7644     | 7.92   | cps   |
| Cadmium    | 111-1 | 118830   | 119106   | 118835   | 118924   | 0.13   | cps   |
| Cadmium    | 106-1 | 17728    | 18187    | 18145    | 18020    | 1.41   | cps   |
| Cadmium    | 108-1 | 8757     | 8707     | 8590     | 8685     | 0.99   | cps   |
| Calcium    | 43-1  | 120730   | 119462   | 120402   | 120198   | 0.55   | cps   |
| Calcium    | 44-1  | 1906733  | 1901190  | 1877645  | 1895189  | 0.81   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chromium   | 52-1  | 671635   | 668905   | 667558   | 669366   | 0.31   | cps   |
| Cobalt     | 59-1  | 776428   | 768059   | 757062   | 767183   | 1.27   | cps   |
| Copper     | 63-1  | 3994463  | 3946913  | 3953324  | 3964900  | 0.65   | cps   |
| Dysprosium | 156-1 | 75       | 50       | 33       | 53       | 39.74  | cps   |
| Erbium     | 164-1 | 75       | 67       | 67       | 69       | 6.93   | cps   |
| Gadolinium | 160-1 | 133      | 192      | 125      | 150      | 24.22  | cps   |
| Holmium    | 165-1 | 11176351 | 11507532 | 11713394 | 11465759 | 2.36   | cps   |
| Indium     | 115-1 | 7927820  | 8271345  | 8354593  | 8184586  | 2.76   | cps   |
| Iron       | 56-1  | 40530861 | 40382740 | 39819451 | 40244350 | 0.93   | cps   |
| Iron       | 57-1  | 1009483  | 1007863  | 996559   | 1004635  | 0.70   | cps   |
| Iron       | 54-1  |          |          |          |          |        | cps   |
| Krypton    | 83-1  | 767      | 780      | 777      | 774      | 0.90   | cps   |
| Lead       | 206-1 | 2023281  | 2008505  | 2001970  | 2011252  | 0.54   | cps   |
| Lead       | 207-1 | 1787405  | 1797316  | 1783912  | 1789544  | 0.39   | cps   |
| Lead       | 208-1 | 8132282  | 8132039  | 8132049  | 8132123  | 0.00   | cps   |
| Lithium    | 6-1   | 2791571  | 2850531  | 2863785  | 2835296  | 1.36   | cps   |
| Magnesium  | 24-1  | 47461380 | 47600719 | 46842759 | 47301619 | 0.85   | cps   |
| Manganese  | 55-1  | 9213865  | 9276517  | 9140229  | 9210204  | 0.74   | cps   |
| Molybdenum | 94-1  | 806892   | 810919   | 806272   | 808028   | 0.31   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 11:13:24 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 95-1  | 1005542  | 1003864  | 999710   | 1003038  | 0.30   | cps   |
| Molybdenum | 96-1  | 1117932  | 1116179  | 1103909  | 1112673  | 0.69   | cps   |
| Molybdenum | 97-1  | 624500   | 627372   | 628797   | 626889   | 0.35   | cps   |
| Molybdenum | 98-1  | 1630232  | 1631348  | 1619514  | 1627031  | 0.40   | cps   |
| Neodymium  | 150-1 | 47       | 47       | 47       | 47       | 0.00   | cps   |
| Nickel     | 60-1  | 168060   | 167992   | 165724   | 167259   | 0.79   | cps   |
| Phosphorus | 31-1  | 459741   | 455317   | 460905   | 458654   | 0.64   | cps   |
| Potassium  | 39-1  | 30693582 | 30906791 | 30509786 | 30703386 | 0.65   | cps   |
| Rhodium    | 103-1 | 7393305  | 7671478  | 7695852  | 7586878  | 2.22   | cps   |
| Scandium   | 45-1  | 4509459  | 4883527  | 4877471  | 4756819  | 4.50   | cps   |
| Selenium   | 77-1  | 5676     | 5701     | 5593     | 5657     | 1.00   | cps   |
| Selenium   | 78-1  |          |          |          |          |        | cps   |
| Selenium   | 82-1  | 7128     | 7123     | 6975     | 7075     | 1.23   | cps   |
| Silicon    | 28-1  | 501862   | 519892   | 525859   | 515871   | 2.42   | cps   |
| Silver     | 107-1 | 534848   | 536568   | 533432   | 534949   | 0.29   | cps   |
| Silver     | 109-1 | 515000   | 518316   | 512471   | 515262   | 0.57   | cps   |
| Sodium     | 23-1  | 66583907 | 66424455 | 65661619 | 66223327 | 0.74   | cps   |
| Strontium  | 86-1  | 1234595  | 1222786  | 1223534  | 1226972  | 0.54   | cps   |
| Strontium  | 88-1  | 10375827 | 10267186 | 10156017 | 10266343 | 1.07   | cps   |
| Sulfur     | 34-1  | 549566   | 546819   | 543815   | 546733   | 0.53   | cps   |
| Terbium    | 159-1 | 11427006 | 11840100 | 12093289 | 11786798 | 2.85   | cps   |
| Thallium   | 203-1 | 490913   | 489907   | 491161   | 490660   | 0.14   | cps   |
| Thallium   | 205-1 | 1184224  | 1167820  | 1178949  | 1176998  | 0.71   | cps   |
| Thorium    | 232-1 | 1733151  | 1747764  | 1753718  | 1744878  | 0.61   | cps   |
| Tin        | 118-1 | 350877   | 347949   | 351176   | 350001   | 0.51   | cps   |
| Titanium   | 47-1  | 259952   | 262536   | 262395   | 261628   | 0.56   | cps   |
| Uranium    | 238-1 | 1723481  | 1728992  | 1735845  | 1729439  | 0.36   | cps   |
| Vanadium   | 51-1  | 731245   | 735667   | 719609   | 728841   | 1.14   | cps   |
| Yttrium    | 89-1  | 11360929 | 11659451 | 11821917 | 11614099 | 2.01   | cps   |
| Zinc       | 66-1  | 1113689  | 1109470  | 1102887  | 1108682  | 0.49   | cps   |
| Zirconium  | 90-1  | 643707   | 647882   | 641792   | 644460   | 0.48   | cps   |
| Zirconium  | 91-1  | 143975   | 145432   | 142813   | 144073   | 0.91   | cps   |

LB Number : LB115569 Operator : JASWAL  
 Lab Sample ID : S4 Instrumnet Name : P7  
 Client Sample ID : S4 Dilution Factor : 1  
 Date & Time Acquired :: 2021-07-27 11:16:08 DataFile Name : 006CAL.S.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-1  | 24435435  | 24542211  | 24378837  | 24452161  | 0.34   | cps   |
| Antimony   | 121-1 | 998138    | 1011751   | 1002287   | 1004059   | 0.69   | cps   |
| Arsenic    | 75-1  | 198357    | 199224    | 199285    | 198955    | 0.26   | cps   |
| Barium     | 135-1 | 1188490   | 1203904   | 1196366   | 1196253   | 0.64   | cps   |
| Barium     | 137-1 | 2070426   | 2104898   | 2060760   | 2078695   | 1.12   | cps   |
| Beryllium  | 9-1   | 219460    | 219207    | 216114    | 218260    | 0.85   | cps   |
| Bismuth    | 209-1 | 8317869   | 8391163   | 8239992   | 8316341   | 0.91   | cps   |
| Boron      | 10-1  | 25597     | 26866     | 27183     | 26549     | 3.16   | cps   |
| Boron      | 11-1  | 117637    | 126534    | 129231    | 124467    | 4.87   | cps   |
| Bromine    | 81-1  | 7385      | 7644      | 6977      | 7335      | 4.59   | cps   |
| Cadmium    | 111-1 | 277260    | 282749    | 277940    | 279316    | 1.07   | cps   |
| Cadmium    | 106-1 | 35152     | 35846     | 35670     | 35556     | 1.01   | cps   |
| Cadmium    | 108-1 | 20974     | 21062     | 21533     | 21190     | 1.42   | cps   |
| Calcium    | 43-1  | 284562    | 283315    | 282600    | 283492    | 0.35   | cps   |
| Calcium    | 44-1  | 4500944   | 4510809   | 4477421   | 4496392   | 0.38   | cps   |
| Carbon     | 12-1  |           |           |           |           |        | cps   |
| Chlorine   | 35-1  |           |           |           |           |        | cps   |
| Chromium   | 52-1  | 1569281   | 1556625   | 1553384   | 1559763   | 0.54   | cps   |
| Cobalt     | 59-1  | 1784048   | 1796901   | 1794477   | 1791809   | 0.38   | cps   |
| Copper     | 63-1  | 9213354   | 9312037   | 9157235   | 9227542   | 0.85   | cps   |
| Dysprosium | 156-1 | 58        | 92        | 125       | 92        | 36.37  | cps   |
| Erbium     | 164-1 | 100       | 117       | 100       | 106       | 9.12   | cps   |
| Gadolinium | 160-1 | 192       | 175       | 158       | 175       | 9.52   | cps   |
| Holmium    | 165-1 | 11676354  | 11742751  | 11708399  | 11709168  | 0.28   | cps   |
| Indium     | 115-1 | 8249174   | 8246134   | 8152752   | 8216020   | 0.67   | cps   |
| Iron       | 56-1  | 92421363  | 92434371  | 92130530  | 92328755  | 0.19   | cps   |
| Iron       | 57-1  | 2313800   | 2324157   | 2308334   | 2315430   | 0.35   | cps   |
| Iron       | 54-1  |           |           |           |           |        | cps   |
| Krypton    | 83-1  | 797       | 663       | 817       | 759       | 10.98  | cps   |
| Lead       | 206-1 | 4861413   | 4908794   | 4869828   | 4880012   | 0.52   | cps   |
| Lead       | 207-1 | 4294409   | 4363255   | 4378395   | 4345353   | 1.03   | cps   |
| Lead       | 208-1 | 19587458  | 19834921  | 19956626  | 19793002  | 0.95   | cps   |
| Lithium    | 6-1   | 2789441   | 2822587   | 2771770   | 2794599   | 0.92   | cps   |
| Magnesium  | 24-1  | 113142393 | 113176818 | 114188662 | 113502624 | 0.52   | cps   |
| Manganese  | 55-1  | 21807836  | 21578454  | 21716508  | 21700933  | 0.53   | cps   |
| Molybdenum | 94-1  | 1937670   | 1942031   | 1940830   | 1940177   | 0.12   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB115569            | Operator :        | JASWAL     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2021-07-27 11:16:08 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 95-1  | 2383888   | 2407448   | 2413904   | 2401747   | 0.66   | cps   |
| Molybdenum | 96-1  | 2637688   | 2678654   | 2679165   | 2665169   | 0.89   | cps   |
| Molybdenum | 97-1  | 1504127   | 1506897   | 1501027   | 1504017   | 0.20   | cps   |
| Molybdenum | 98-1  | 3895513   | 3901296   | 3883052   | 3893287   | 0.24   | cps   |
| Neodymium  | 150-1 | 147       | 133       | 80        | 120       | 29.40  | cps   |
| Nickel     | 60-1  | 393544    | 392956    | 391756    | 392752    | 0.23   | cps   |
| Phosphorus | 31-1  | 1055337   | 1056372   | 1048726   | 1053478   | 0.39   | cps   |
| Potassium  | 39-1  | 68729047  | 68144983  | 68288404  | 68387478  | 0.45   | cps   |
| Rhodium    | 103-1 | 7573173   | 7530999   | 7461738   | 7521970   | 0.75   | cps   |
| Scandium   | 45-1  | 4791337   | 4788961   | 4730094   | 4770131   | 0.73   | cps   |
| Selenium   | 77-1  | 12356     | 12272     | 12614     | 12414     | 1.44   | cps   |
| Selenium   | 78-1  |           |           |           |           |        | cps   |
| Selenium   | 82-1  | 16870     | 16876     | 16939     | 16895     | 0.23   | cps   |
| Silicon    | 28-1  | 904560    | 946974    | 962126    | 937887    | 3.18   | cps   |
| Silver     | 107-1 | 1275055   | 1288076   | 1281601   | 1281577   | 0.51   | cps   |
| Silver     | 109-1 | 1242805   | 1235025   | 1233896   | 1237242   | 0.39   | cps   |
| Sodium     | 23-1  | 156643158 | 156895090 | 157653723 | 157063990 | 0.33   | cps   |
| Strontium  | 86-1  | 2913757   | 2920315   | 2917858   | 2917310   | 0.11   | cps   |
| Strontium  | 88-1  | 24312191  | 24666530  | 24727079  | 24568600  | 0.91   | cps   |
| Sulfur     | 34-1  | 587679    | 584817    | 589206    | 587234    | 0.38   | cps   |
| Terbium    | 159-1 | 11850427  | 11892469  | 12056374  | 11933090  | 0.91   | cps   |
| Thallium   | 203-1 | 1188580   | 1193634   | 1201347   | 1194520   | 0.54   | cps   |
| Thallium   | 205-1 | 2840576   | 2865733   | 2870826   | 2859045   | 0.57   | cps   |
| Thorium    | 232-1 | 4197482   | 4287118   | 4277017   | 4253872   | 1.15   | cps   |
| Tin        | 118-1 | 836685    | 850780    | 848653    | 845373    | 0.90   | cps   |
| Titanium   | 47-1  | 620719    | 620624    | 618952    | 620098    | 0.16   | cps   |
| Uranium    | 238-1 | 4194091   | 4290252   | 4257256   | 4247200   | 1.15   | cps   |
| Vanadium   | 51-1  | 1732512   | 1731073   | 1706243   | 1723276   | 0.86   | cps   |
| Yttrium    | 89-1  | 11588391  | 11584054  | 11542680  | 11571708  | 0.22   | cps   |
| Zinc       | 66-1  | 2597185   | 2603204   | 2603980   | 2601456   | 0.14   | cps   |
| Zirconium  | 90-1  | 1560465   | 1562491   | 1553169   | 1558708   | 0.31   | cps   |
| Zirconium  | 91-1  | 347616    | 349236    | 348156    | 348336    | 0.24   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB115569            | Operator :        | JASWAL     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2021-07-27 11:21:34 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-1  | 45356962  | 44981970  | 45079737  | 45139556  | 0.43   | cps   |
| Antimony   | 121-1 | 1885222   | 1905230   | 1898557   | 1896336   | 0.54   | cps   |
| Arsenic    | 75-1  | 371933    | 367282    | 367107    | 368774    | 0.74   | cps   |
| Barium     | 135-1 | 2240406   | 2251044   | 2256674   | 2249375   | 0.37   | cps   |
| Barium     | 137-1 | 3945621   | 3908759   | 3946167   | 3933516   | 0.55   | cps   |
| Beryllium  | 9-1   | 394701    | 395614    | 392580    | 394298    | 0.39   | cps   |
| Bismuth    | 209-1 | 8150774   | 8140845   | 8150147   | 8147255   | 0.07   | cps   |
| Boron      | 10-1  | 45870     | 49899     | 51923     | 49231     | 6.26   | cps   |
| Boron      | 11-1  | 216656    | 230754    | 242924    | 230111    | 5.71   | cps   |
| Bromine    | 81-1  | 6343      | 6727      | 6126      | 6399      | 4.75   | cps   |
| Cadmium    | 111-1 | 519383    | 527823    | 522886    | 523364    | 0.81   | cps   |
| Cadmium    | 106-1 | 61851     | 62856     | 62295     | 62334     | 0.81   | cps   |
| Cadmium    | 108-1 | 38874     | 41197     | 40173     | 40081     | 2.90   | cps   |
| Calcium    | 43-1  | 522595    | 519211    | 513911    | 518573    | 0.84   | cps   |
| Calcium    | 44-1  | 7601857   | 7459485   | 7414866   | 7492069   | 1.30   | cps   |
| Carbon     | 12-1  |           |           |           |           |        | cps   |
| Chlorine   | 35-1  |           |           |           |           |        | cps   |
| Chromium   | 52-1  | 2831331   | 2821176   | 2811182   | 2821229   | 0.36   | cps   |
| Cobalt     | 59-1  | 3263671   | 3252742   | 3232755   | 3249722   | 0.48   | cps   |
| Copper     | 63-1  | 16752061  | 16919749  | 16610717  | 16760842  | 0.92   | cps   |
| Dysprosium | 156-1 | 150       | 142       | 158       | 150       | 5.56   | cps   |
| Erbium     | 164-1 | 192       | 83        | 117       | 131       | 42.50  | cps   |
| Gadolinium | 160-1 | 200       | 258       | 267       | 242       | 15.03  | cps   |
| Holmium    | 165-1 | 11422054  | 11503034  | 11430079  | 11451722  | 0.39   | cps   |
| Indium     | 115-1 | 7830057   | 7723142   | 7768929   | 7774043   | 0.69   | cps   |
| Iron       | 56-1  | 167311566 | 168531310 | 167684323 | 167842400 | 0.37   | cps   |
| Iron       | 57-1  | 4216569   | 4202613   | 4196103   | 4205095   | 0.25   | cps   |
| Iron       | 54-1  |           |           |           |           |        | cps   |
| Krypton    | 83-1  | 797       | 773       | 673       | 748       | 8.76   | cps   |
| Lead       | 206-1 | 9589046   | 9532962   | 9674359   | 9598789   | 0.74   | cps   |
| Lead       | 207-1 | 8612145   | 8587023   | 8668591   | 8622586   | 0.48   | cps   |
| Lead       | 208-1 | 38797176  | 38973264  | 39232309  | 39000916  | 0.56   | cps   |
| Lithium    | 6-1   | 2562592   | 2520080   | 2516965   | 2533212   | 1.01   | cps   |
| Magnesium  | 24-1  | 208507445 | 209905488 | 210062620 | 209491851 | 0.41   | cps   |
| Manganese  | 55-1  | 40391747  | 40556912  | 40328752  | 40425804  | 0.29   | cps   |
| Molybdenum | 94-1  | 3602539   | 3616507   | 3602769   | 3607272   | 0.22   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB115569            | Operator :        | JASWAL     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2021-07-27 11:21:34 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 95-1  | 4447655   | 4463025   | 4452820   | 4454500   | 0.18   | cps   |
| Molybdenum | 96-1  | 5002303   | 4994562   | 4952411   | 4983092   | 0.54   | cps   |
| Molybdenum | 97-1  | 2820355   | 2805864   | 2785208   | 2803809   | 0.63   | cps   |
| Molybdenum | 98-1  | 7033619   | 7030534   | 7013161   | 7025771   | 0.16   | cps   |
| Neodymium  | 150-1 | 173       | 167       | 140       | 160       | 11.03  | cps   |
| Nickel     | 60-1  | 708160    | 707049    | 703984    | 706397    | 0.31   | cps   |
| Phosphorus | 31-1  | 1896403   | 1864734   | 1877600   | 1879579   | 0.85   | cps   |
| Potassium  | 39-1  | 123565519 | 123369102 | 123081217 | 123338613 | 0.20   | cps   |
| Rhodium    | 103-1 | 7047888   | 7055736   | 6978337   | 7027320   | 0.61   | cps   |
| Scandium   | 45-1  | 4370221   | 4305331   | 4307778   | 4327777   | 0.85   | cps   |
| Selenium   | 77-1  | 23887     | 23453     | 23853     | 23731     | 1.02   | cps   |
| Selenium   | 78-1  |           |           |           |           |        | cps   |
| Selenium   | 82-1  | 30961     | 31181     | 31050     | 31064     | 0.36   | cps   |
| Silicon    | 28-1  | 1489934   | 1563765   | 1598471   | 1550723   | 3.57   | cps   |
| Silver     | 107-1 | 2389948   | 2418235   | 2380076   | 2396086   | 0.83   | cps   |
| Silver     | 109-1 | 2278285   | 2300082   | 2286031   | 2288133   | 0.48   | cps   |
| Sodium     | 23-1  | 288239029 | 286326036 | 290102763 | 288222609 | 0.66   | cps   |
| Strontium  | 86-1  | 5410019   | 5399869   | 5403897   | 5404595   | 0.09   | cps   |
| Strontium  | 88-1  | 45918914  | 45524149  | 46281266  | 45908109  | 0.82   | cps   |
| Sulfur     | 34-1  | 611854    | 609005    | 610494    | 610451    | 0.23   | cps   |
| Terbium    | 159-1 | 11710821  | 11752374  | 11677641  | 11713612  | 0.32   | cps   |
| Thallium   | 203-1 | 2319734   | 2342384   | 2347308   | 2336475   | 0.63   | cps   |
| Thallium   | 205-1 | 5537674   | 5604727   | 5572366   | 5571589   | 0.60   | cps   |
| Thorium    | 232-1 | 8408915   | 8512194   | 8663636   | 8528248   | 1.50   | cps   |
| Tin        | 118-1 | 1581590   | 1606525   | 1594848   | 1594321   | 0.78   | cps   |
| Titanium   | 47-1  | 1129204   | 1121471   | 1115115   | 1121930   | 0.63   | cps   |
| Uranium    | 238-1 | 8170768   | 8250548   | 8382819   | 8268045   | 1.30   | cps   |
| Vanadium   | 51-1  | 3129909   | 3126953   | 3092756   | 3116539   | 0.66   | cps   |
| Yttrium    | 89-1  | 10837895  | 10785664  | 10804167  | 10809242  | 0.25   | cps   |
| Zinc       | 66-1  | 4730038   | 4762767   | 4704509   | 4732438   | 0.62   | cps   |
| Zirconium  | 90-1  | 2882991   | 2850047   | 2866455   | 2866498   | 0.57   | cps   |
| Zirconium  | 91-1  | 646770    | 648130    | 646297    | 647065    | 0.15   | cps   |

LB Number : LB115569 Operator : JASWAL  
 Lab Sample ID : S6 Instrumnet Name : P7  
 Client Sample ID : S6 Dilution Factor : 1  
 Date & Time Acquired :: 2021-07-27 11:24:17 DataFile Name : 009CAL.S.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-1  | 86500545  | 86532727  | 86877249  | 86636840  | 0.24   | cps   |
| Antimony   | 121-1 | 3682912   | 3688814   | 3683713   | 3685146   | 0.09   | cps   |
| Arsenic    | 75-1  | 701289    | 704884    | 702346    | 702840    | 0.26   | cps   |
| Barium     | 135-1 | 4347823   | 4372235   | 4427295   | 4382451   | 0.93   | cps   |
| Barium     | 137-1 | 7506827   | 7617412   | 7615470   | 7579903   | 0.84   | cps   |
| Beryllium  | 9-1   | 749608    | 748124    | 750872    | 749535    | 0.18   | cps   |
| Bismuth    | 209-1 | 7944596   | 8058023   | 8043208   | 8015276   | 0.77   | cps   |
| Boron      | 10-1  | 88407     | 93772     | 96296     | 92825     | 4.34   | cps   |
| Boron      | 11-1  | 414956    | 431892    | 446654    | 431167    | 3.68   | cps   |
| Bromine    | 81-1  | 5760      | 5993      | 6160      | 5971      | 3.37   | cps   |
| Cadmium    | 111-1 | 995792    | 1003721   | 1009053   | 1002855   | 0.67   | cps   |
| Cadmium    | 106-1 | 115307    | 116911    | 114862    | 115693    | 0.93   | cps   |
| Cadmium    | 108-1 | 77074     | 76605     | 77187     | 76955     | 0.40   | cps   |
| Calcium    | 43-1  | 987124    | 990104    | 995248    | 990825    | 0.41   | cps   |
| Calcium    | 44-1  | 14485401  | 14534876  | 14543657  | 14521311  | 0.22   | cps   |
| Carbon     | 12-1  |           |           |           |           |        | cps   |
| Chlorine   | 35-1  |           |           |           |           |        | cps   |
| Chromium   | 52-1  | 5367809   | 5326328   | 5390856   | 5361664   | 0.61   | cps   |
| Cobalt     | 59-1  | 6175004   | 6165422   | 6208265   | 6182897   | 0.36   | cps   |
| Copper     | 63-1  | 31879978  | 31841556  | 31583318  | 31768284  | 0.51   | cps   |
| Dysprosium | 156-1 | 283       | 342       | 233       | 286       | 18.95  | cps   |
| Erbium     | 164-1 | 133       | 75        | 108       | 106       | 27.73  | cps   |
| Gadolinium | 160-1 | 258       | 350       | 392       | 333       | 20.46  | cps   |
| Holmium    | 165-1 | 11282951  | 11237334  | 11296009  | 11272098  | 0.27   | cps   |
| Indium     | 115-1 | 7488930   | 7567791   | 7568279   | 7541667   | 0.61   | cps   |
| Iron       | 56-1  | 322757496 | 322946805 | 323781770 | 323162024 | 0.17   | cps   |
| Iron       | 57-1  | 7777070   | 7854793   | 7930087   | 7853984   | 0.97   | cps   |
| Iron       | 54-1  |           |           |           |           |        | cps   |
| Krypton    | 83-1  | 763       | 650       | 680       | 698       | 8.42   | cps   |
| Lead       | 206-1 | 18829197  | 19132024  | 19106578  | 19022600  | 0.88   | cps   |
| Lead       | 207-1 | 16829535  | 17035324  | 17176834  | 17013898  | 1.03   | cps   |
| Lead       | 208-1 | 76137247  | 77482774  | 77813045  | 77144355  | 1.15   | cps   |
| Lithium    | 6-1   | 2410502   | 2405290   | 2400478   | 2405423   | 0.21   | cps   |
| Magnesium  | 24-1  | 402559095 | 403163089 | 405262368 | 403661517 | 0.35   | cps   |
| Manganese  | 55-1  | 78438841  | 78300733  | 78954061  | 78564545  | 0.44   | cps   |
| Molybdenum | 94-1  | 6859919   | 6812233   | 6944319   | 6872157   | 0.97   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB115569            | Operator :        | JASWAL     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2021-07-27 11:24:17 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 95-1  | 8413957   | 8477260   | 8554587   | 8481934   | 0.83   | cps   |
| Molybdenum | 96-1  | 9369804   | 9498173   | 9506837   | 9458271   | 0.81   | cps   |
| Molybdenum | 97-1  | 5397727   | 5414743   | 5429303   | 5413924   | 0.29   | cps   |
| Molybdenum | 98-1  | 13682443  | 13841817  | 13891650  | 13805303  | 0.79   | cps   |
| Neodymium  | 150-1 | 327       | 347       | 467       | 380       | 19.93  | cps   |
| Nickel     | 60-1  | 1322600   | 1329757   | 1323596   | 1325318   | 0.29   | cps   |
| Phosphorus | 31-1  | 3559013   | 3543854   | 3547092   | 3549986   | 0.22   | cps   |
| Potassium  | 39-1  | 235840838 | 234958816 | 236597299 | 235798984 | 0.35   | cps   |
| Rhodium    | 103-1 | 6742450   | 6685240   | 6780756   | 6736149   | 0.71   | cps   |
| Scandium   | 45-1  | 4121900   | 4112076   | 4115182   | 4116386   | 0.12   | cps   |
| Selenium   | 77-1  | 45296     | 44627     | 45639     | 45188     | 1.14   | cps   |
| Selenium   | 78-1  |           |           |           |           |        | cps   |
| Selenium   | 82-1  | 59339     | 59662     | 59765     | 59589     | 0.37   | cps   |
| Silicon    | 28-1  | 2690910   | 2840818   | 2909394   | 2813707   | 3.97   | cps   |
| Silver     | 107-1 | 4548682   | 4566320   | 4577494   | 4564165   | 0.32   | cps   |
| Silver     | 109-1 | 4370568   | 4355957   | 4392237   | 4372921   | 0.42   | cps   |
| Sodium     | 23-1  | 558386347 | 557568229 | 557057057 | 557670544 | 0.12   | cps   |
| Strontium  | 86-1  | 10339861  | 10385392  | 10367385  | 10364213  | 0.22   | cps   |
| Strontium  | 88-1  | 90154154  | 90715177  | 91527152  | 90798828  | 0.76   | cps   |
| Sulfur     | 34-1  | 746415    | 744340    | 754992    | 748583    | 0.75   | cps   |
| Terbium    | 159-1 | 11314231  | 11426067  | 11367239  | 11369179  | 0.49   | cps   |
| Thallium   | 203-1 | 4568179   | 4601614   | 4593805   | 4587866   | 0.38   | cps   |
| Thallium   | 205-1 | 10866384  | 10945387  | 10979873  | 10930548  | 0.53   | cps   |
| Thorium    | 232-1 | 16893675  | 17331843  | 17354856  | 17193458  | 1.51   | cps   |
| Tin        | 118-1 | 3079332   | 3090932   | 3109444   | 3093236   | 0.49   | cps   |
| Titanium   | 47-1  | 2163786   | 2153044   | 2161950   | 2159593   | 0.27   | cps   |
| Uranium    | 238-1 | 16473710  | 16839725  | 17017133  | 16776856  | 1.65   | cps   |
| Vanadium   | 51-1  | 5956168   | 5962732   | 5946574   | 5955158   | 0.14   | cps   |
| Yttrium    | 89-1  | 10619873  | 10507829  | 10541835  | 10556512  | 0.54   | cps   |
| Zinc       | 66-1  | 9003214   | 8996943   | 9113131   | 9037763   | 0.72   | cps   |
| Zirconium  | 90-1  | 5552227   | 5539046   | 5563001   | 5551425   | 0.22   | cps   |
| Zirconium  | 91-1  | 1244823   | 1252453   | 1252087   | 1249788   | 0.34   | cps   |

LB Number : LB115569 Operator : JASWAL  
 Lab Sample ID : S7 Instrumnet Name : P7  
 Client Sample ID : S7 Dilution Factor : 1  
 Date & Time Acquired :: 2021-07-27 11:27:00 DataFile Name : 010CAL.S.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-1  | 169994093 | 170543648 | 169132131 | 169889957 | 0.42   | cps   |
| Antimony   | 121-1 | 7244995   | 7368912   | 7381376   | 7331761   | 1.03   | cps   |
| Arsenic    | 75-1  | 1378007   | 1369368   | 1351173   | 1366183   | 1.00   | cps   |
| Barium     | 135-1 | 8611596   | 8711960   | 8743623   | 8689059   | 0.79   | cps   |
| Barium     | 137-1 | 14910323  | 15174562  | 15123936  | 15069607  | 0.93   | cps   |
| Beryllium  | 9-1   | 1444832   | 1436938   | 1430312   | 1437361   | 0.51   | cps   |
| Bismuth    | 209-1 | 7497324   | 7803891   | 8222822   | 7841346   | 4.64   | cps   |
| Boron      | 10-1  | 175606    | 182378    | 187277    | 181754    | 3.22   | cps   |
| Boron      | 11-1  | 813744    | 849991    | 871616    | 845117    | 3.46   | cps   |
| Bromine    | 81-1  | 5976      | 5635      | 6026      | 5879      | 3.63   | cps   |
| Cadmium    | 111-1 | 1932838   | 1957710   | 1922243   | 1937597   | 0.94   | cps   |
| Cadmium    | 106-1 | 220853    | 223335    | 217993    | 220727    | 1.21   | cps   |
| Cadmium    | 108-1 | 149695    | 151854    | 148957    | 150169    | 1.00   | cps   |
| Calcium    | 43-1  | 1912715   | 1936290   | 1916415   | 1921807   | 0.66   | cps   |
| Calcium    | 44-1  | 28525474  | 28786659  | 28927913  | 28746682  | 0.71   | cps   |
| Carbon     | 12-1  |           |           |           |           |        | cps   |
| Chlorine   | 35-1  |           |           |           |           |        | cps   |
| Chromium   | 52-1  | 10548551  | 10586239  | 10524046  | 10552945  | 0.30   | cps   |
| Cobalt     | 59-1  | 12197849  | 12170389  | 12104220  | 12157486  | 0.40   | cps   |
| Copper     | 63-1  | 62012236  | 62060422  | 62314751  | 62129136  | 0.26   | cps   |
| Dysprosium | 156-1 | 642       | 550       | 525       | 572       | 10.74  | cps   |
| Erbium     | 164-1 | 175       | 150       | 200       | 175       | 14.29  | cps   |
| Gadolinium | 160-1 | 542       | 617       | 525       | 561       | 8.70   | cps   |
| Holmium    | 165-1 | 10606767  | 11016717  | 11627439  | 11083641  | 4.63   | cps   |
| Indium     | 115-1 | 6951844   | 7275538   | 7729799   | 7319060   | 5.34   | cps   |
| Iron       | 56-1  | 642367445 | 650503921 | 641536514 | 644802627 | 0.77   | cps   |
| Iron       | 57-1  | 15390746  | 15478943  | 15404300  | 15424663  | 0.31   | cps   |
| Iron       | 54-1  |           |           |           |           |        | cps   |
| Krypton    | 83-1  | 657       | 623       | 650       | 643       | 2.74   | cps   |
| Lead       | 206-1 | 38064190  | 38436162  | 37921047  | 38140466  | 0.70   | cps   |
| Lead       | 207-1 | 33583874  | 34045504  | 33678236  | 33769205  | 0.72   | cps   |
| Lead       | 208-1 | 153240669 | 154964815 | 153253412 | 153819632 | 0.64   | cps   |
| Lithium    | 6-1   | 2234618   | 2287044   | 2382727   | 2301463   | 3.26   | cps   |
| Magnesium  | 24-1  | 792268421 | 804811523 | 795001574 | 797360506 | 0.83   | cps   |
| Manganese  | 55-1  | 154918113 | 155725715 | 153824754 | 154822861 | 0.62   | cps   |
| Molybdenum | 94-1  | 13531425  | 13710922  | 13531152  | 13591166  | 0.76   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB115569            | Operator :        | JASWAL     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2021-07-27 11:27:00 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Molybdenum | 95-1  | 16876920   | 16970848   | 17078723   | 16975497   | 0.59   | cps   |
| Molybdenum | 96-1  | 18691036   | 19004201   | 18846868   | 18847368   | 0.83   | cps   |
| Molybdenum | 97-1  | 10528585   | 10611018   | 10626148   | 10588584   | 0.50   | cps   |
| Molybdenum | 98-1  | 27489414   | 27543699   | 27731833   | 27588315   | 0.46   | cps   |
| Neodymium  | 150-1 | 707        | 647        | 800        | 718        | 10.76  | cps   |
| Nickel     | 60-1  | 2542632    | 2536003    | 2507077    | 2528571    | 0.75   | cps   |
| Phosphorus | 31-1  | 6656757    | 6648938    | 6692961    | 6666218    | 0.35   | cps   |
| Potassium  | 39-1  | 459883457  | 461857241  | 462638873  | 461459857  | 0.31   | cps   |
| Rhodium    | 103-1 | 6278862    | 6468009    | 6888843    | 6545238    | 4.77   | cps   |
| Scandium   | 45-1  | 3806635    | 3941869    | 4130329    | 3959611    | 4.11   | cps   |
| Selenium   | 77-1  | 86700      | 85536      | 85342      | 85859      | 0.86   | cps   |
| Selenium   | 78-1  |            |            |            |            |        | cps   |
| Selenium   | 82-1  | 115153     | 114474     | 113784     | 114470     | 0.60   | cps   |
| Silicon    | 28-1  | 4977866    | 5290386    | 5352519    | 5206924    | 3.86   | cps   |
| Silver     | 107-1 | 8704762    | 8930804    | 8870752    | 8835439    | 1.33   | cps   |
| Silver     | 109-1 | 8432094    | 8469289    | 8501695    | 8467693    | 0.41   | cps   |
| Sodium     | 23-1  | 1097269471 | 1111064025 | 1113370852 | 1107234782 | 0.79   | cps   |
| Strontium  | 86-1  | 20220476   | 20826724   | 20903183   | 20650128   | 1.81   | cps   |
| Strontium  | 88-1  | 178585758  | 181935975  | 183530879  | 181350871  | 1.39   | cps   |
| Sulfur     | 34-1  | 1056021    | 1044573    | 1050577    | 1050391    | 0.55   | cps   |
| Terbium    | 159-1 | 10826149   | 11239161   | 11777348   | 11280886   | 4.23   | cps   |
| Thallium   | 203-1 | 8968561    | 9116547    | 9184058    | 9089722    | 1.21   | cps   |
| Thallium   | 205-1 | 21730524   | 21829584   | 22032224   | 21864111   | 0.70   | cps   |
| Thorium    | 232-1 | 34224437   | 34631483   | 34607701   | 34487874   | 0.66   | cps   |
| Tin        | 118-1 | 6051734    | 6115260    | 5970460    | 6045818    | 1.20   | cps   |
| Titanium   | 47-1  | 4182708    | 4200983    | 4185575    | 4189756    | 0.23   | cps   |
| Uranium    | 238-1 | 33497565   | 33915838   | 33457537   | 33623647   | 0.75   | cps   |
| Vanadium   | 51-1  | 11768327   | 11881760   | 11768694   | 11806260   | 0.55   | cps   |
| Yttrium    | 89-1  | 9835583    | 10403904   | 10928584   | 10389357   | 5.26   | cps   |
| Zinc       | 66-1  | 17393760   | 17584845   | 17549284   | 17509296   | 0.58   | cps   |
| Zirconium  | 90-1  | 10835190   | 10864835   | 10869805   | 10856610   | 0.17   | cps   |
| Zirconium  | 91-1  | 2457661    | 2465680    | 2453191    | 2458844    | 0.26   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB115569            | Operator :        | JASWAL     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2021-07-27 11:29:44 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Aluminium  | 27-1  | 866486276  | 890298407  | 914853862  | 890546181  | 2.72   | cps   |
| Antimony   | 121-1 | 5660       | 5593       | 5676       | 5643       | 0.78   | cps   |
| Arsenic    | 75-1  | -1003      | -747       | -1044      | -931       | -17.29 | cps   |
| Barium     | 135-1 | 2675       | 2309       | 2284       | 2423       | 9.05   | cps   |
| Barium     | 137-1 | 4718       | 4251       | 4392       | 4454       | 5.37   | cps   |
| Beryllium  | 9-1   | 317        | 250        | 250        | 272        | 14.14  | cps   |
| Bismuth    | 209-1 | 7451289    | 7471039    | 7651887    | 7524738    | 1.47   | cps   |
| Boron      | 10-1  | 10612      | 9220       | 9045       | 9626       | 8.92   | cps   |
| Boron      | 11-1  | 48411      | 44759      | 40371      | 44514      | 9.04   | cps   |
| Bromine    | 81-1  | 5685       | 5843       | 5518       | 5682       | 2.86   | cps   |
| Cadmium    | 111-1 | 3322       | 3666       | 3542       | 3510       | 4.96   | cps   |
| Cadmium    | 106-1 | 4534       | 5076       | 4843       | 4818       | 5.64   | cps   |
| Cadmium    | 108-1 | 229        | 167        | 158        | 185        | 20.96  | cps   |
| Calcium    | 43-1  | 9283505    | 9561877    | 9766855    | 9537413    | 2.54   | cps   |
| Calcium    | 44-1  | 149034487  | 151400595  | 154993337  | 151809473  | 1.98   | cps   |
| Carbon     | 12-1  |            |            |            |            |        | cps   |
| Chlorine   | 35-1  |            |            |            |            |        | cps   |
| Chromium   | 52-1  | 61357      | 61440      | 62106      | 61635      | 0.67   | cps   |
| Cobalt     | 59-1  | 21778      | 23774      | 23373      | 22975      | 4.59   | cps   |
| Copper     | 63-1  | 31631      | 32383      | 32372      | 32129      | 1.34   | cps   |
| Dysprosium | 156-1 | 1533       | 1392       | 1483       | 1470       | 4.89   | cps   |
| Erbium     | 164-1 | 258        | 200        | 292        | 250        | 18.56  | cps   |
| Gadolinium | 160-1 | 1542       | 1367       | 1350       | 1420       | 7.48   | cps   |
| Holmium    | 165-1 | 11320963   | 11596976   | 11765531   | 11561156   | 1.94   | cps   |
| Indium     | 115-1 | 7438871    | 7648549    | 7697530    | 7594983    | 1.81   | cps   |
| Iron       | 56-1  | 3061860633 | 3128098709 | 3168556125 | 3119505155 | 1.73   | cps   |
| Iron       | 57-1  | 74664314   | 76885318   | 76982953   | 76177528   | 1.72   | cps   |
| Iron       | 54-1  |            |            |            |            |        | cps   |
| Krypton    | 83-1  | 657        | 653        | 640        | 650        | 1.36   | cps   |
| Lead       | 206-1 | 22486      | 21879      | 22052      | 22139      | 1.41   | cps   |
| Lead       | 207-1 | 20705      | 19264      | 19915      | 19961      | 3.61   | cps   |
| Lead       | 208-1 | 91567      | 87853      | 89518      | 89646      | 2.08   | cps   |
| Lithium    | 6-1   | 2239604    | 2258823    | 2291809    | 2263412    | 1.17   | cps   |
| Magnesium  | 24-1  | 3946498119 | 4079868124 | 4176415468 | 4067593904 | 2.84   | cps   |
| Manganese  | 55-1  | 88262      | 85694      | 87013      | 86990      | 1.48   | cps   |
| Molybdenum | 94-1  | 5084       | 4567       | 4659       | 4770       | 5.78   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB115569            | Operator :        | JASWAL     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2021-07-27 11:29:44 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Molybdenum | 95-1  | 6894       | 6435       | 5735       | 6354       | 9.18   | cps   |
| Molybdenum | 96-1  | 8661       | 7986       | 7577       | 8075       | 6.78   | cps   |
| Molybdenum | 97-1  | 4409       | 4267       | 3476       | 4051       | 12.42  | cps   |
| Molybdenum | 98-1  | 11613      | 9562       | 9528       | 10235      | 11.67  | cps   |
| Neodymium  | 150-1 | 13         | 20         | 20         | 18         | 21.66  | cps   |
| Nickel     | 60-1  | 15615      | 16116      | 16579      | 16103      | 3.00   | cps   |
| Phosphorus | 31-1  | 22811      | 21768      | 23332      | 22637      | 3.52   | cps   |
| Potassium  | 39-1  | 2301567486 | 2361053530 | 2428194989 | 2363605335 | 2.68   | cps   |
| Rhodium    | 103-1 | 6297533    | 6345289    | 6670358    | 6437727    | 3.15   | cps   |
| Scandium   | 45-1  | 3918422    | 3988882    | 4042420    | 3983241    | 1.56   | cps   |
| Selenium   | 77-1  | 50         | 75         | 75         | 67         | 21.65  | cps   |
| Selenium   | 78-1  |            |            |            |            |        | cps   |
| Selenium   | 82-1  | -12        | -10        | 67         | 15         | 302.15 | cps   |
| Silicon    | 28-1  | 416748     | 458863     | 471869     | 449160     | 6.41   | cps   |
| Silver     | 107-1 | 2292       | 2675       | 2109       | 2359       | 12.26  | cps   |
| Silver     | 109-1 | 2075       | 2175       | 2150       | 2134       | 2.44   | cps   |
| Sodium     | 23-1  | 5437431960 | 5583128692 | 5702979739 | 5574513464 | 2.39   | cps   |
| Strontium  | 86-1  | 6343       | 5868       | 6360       | 6190       | 4.51   | cps   |
| Strontium  | 88-1  | 46710      | 43332      | 42438      | 44160      | 5.10   | cps   |
| Sulfur     | 34-1  | 410828     | 412130     | 409916     | 410958     | 0.27   | cps   |
| Terbium    | 159-1 | 11432282   | 11629516   | 11912542   | 11658113   | 2.07   | cps   |
| Thallium   | 203-1 | 3209       | 2709       | 2242       | 2720       | 17.78  | cps   |
| Thallium   | 205-1 | 7702       | 6435       | 5685       | 6607       | 15.44  | cps   |
| Thorium    | 232-1 | 3917       | 2428       | 2311       | 2886       | 31.03  | cps   |
| Tin        | 118-1 | 2584       | 2434       | 2392       | 2470       | 4.08   | cps   |
| Titanium   | 47-1  | 892        | 742        | 683        | 772        | 13.92  | cps   |
| Uranium    | 238-1 | 4084       | 3351       | 3467       | 3634       | 10.85  | cps   |
| Vanadium   | 51-1  | 2273       | 2273       | 1842       | 2129       | 11.67  | cps   |
| Yttrium    | 89-1  | 10565130   | 10808356   | 10967839   | 10780442   | 1.88   | cps   |
| Zinc       | 66-1  | 25075      | 25529      | 25399      | 25334      | 0.92   | cps   |
| Zirconium  | 90-1  | 2467       | 2267       | 2209       | 2314       | 5.86   | cps   |
| Zirconium  | 91-1  | 625        | 500        | 475        | 533        | 15.07  | cps   |



LB Number : LB115569 Operator : JASWAL  
 Lab Sample ID : ICV01 Instrumnet Name : P7  
 Client Sample ID : ICV01 Dilution Factor : 1  
 Date & Time Acquired :: 2021-07-27 11:45:53 DataFile Name : 012ICV.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-1  | 5000361  | 4926919  | 4840066  | 4922449  | 1.63   | cps   |
| Antimony   | 121-1 | 1604102  | 1600000  | 1595893  | 1599998  | 0.26   | cps   |
| Arsenic    | 75-1  | 322896   | 325923   | 321875   | 323565   | 0.65   | cps   |
| Barium     | 135-1 | 194086   | 189160   | 192329   | 191859   | 1.30   | cps   |
| Barium     | 137-1 | 337212   | 332680   | 337561   | 335818   | 0.81   | cps   |
| Beryllium  | 9-1   | 173471   | 170787   | 167995   | 170751   | 1.60   | cps   |
| Bismuth    | 209-1 | 8542011  | 8277767  | 8442285  | 8420688  | 1.58   | cps   |
| Boron      | 10-1  | 1900     | 1959     | 1633     | 1831     | 9.47   | cps   |
| Boron      | 11-1  | 9136     | 9411     | 8319     | 8956     | 6.34   | cps   |
| Bromine    | 81-1  | 7394     | 7069     | 6793     | 7085     | 4.24   | cps   |
| Cadmium    | 111-1 | 231459   | 229629   | 228303   | 229797   | 0.69   | cps   |
| Cadmium    | 106-1 | 25181    | 25590    | 25974    | 25582    | 1.55   | cps   |
| Cadmium    | 108-1 | 18696    | 19105    | 18637    | 18813    | 1.35   | cps   |
| Calcium    | 43-1  | 86469    | 85354    | 83677    | 85167    | 1.65   | cps   |
| Calcium    | 44-1  | 1088719  | 1075517  | 1054732  | 1072989  | 1.60   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chromium   | 52-1  | 1256485  | 1253178  | 1229039  | 1246234  | 1.20   | cps   |
| Cobalt     | 59-1  | 1466321  | 1434713  | 1433571  | 1444868  | 1.29   | cps   |
| Copper     | 63-1  | 774707   | 769571   | 759285   | 767854   | 1.02   | cps   |
| Dysprosium | 156-1 | 25       | 8        | 42       | 25       | 66.68  | cps   |
| Erbium     | 164-1 | 75       | 133      | 58       | 89       | 44.30  | cps   |
| Gadolinium | 160-1 | 75       | 125      | 67       | 89       | 35.49  | cps   |
| Holmium    | 165-1 | 11883207 | 11441841 | 11741378 | 11688809 | 1.93   | cps   |
| Indium     | 115-1 | 8450815  | 8120341  | 8230742  | 8267299  | 2.04   | cps   |
| Iron       | 56-1  | 31944435 | 31337384 | 31197750 | 31493190 | 1.26   | cps   |
| Iron       | 57-1  | 755527   | 746925   | 735093   | 745848   | 1.38   | cps   |
| Iron       | 54-1  |          |          |          |          |        | cps   |
| Krypton    | 83-1  | 660      | 663      | 850      | 724      | 15.01  | cps   |
| Lead       | 206-1 | 1757748  | 1767635  | 1779303  | 1768229  | 0.61   | cps   |
| Lead       | 207-1 | 1514487  | 1502104  | 1523901  | 1513497  | 0.72   | cps   |
| Lead       | 208-1 | 7018443  | 6983350  | 7064392  | 7022062  | 0.58   | cps   |
| Lithium    | 6-1   | 2724702  | 2613833  | 2635833  | 2658123  | 2.21   | cps   |
| Magnesium  | 24-1  | 10403483 | 10409592 | 10311115 | 10374730 | 0.53   | cps   |
| Manganese  | 55-1  | 1771813  | 1748787  | 1739318  | 1753306  | 0.95   | cps   |
| Molybdenum | 94-1  | 5389371  | 5320793  | 5292586  | 5334250  | 0.93   | cps   |

LB Number : LB115569 Operator : JASWAL  
 Lab Sample ID : ICV01 Instrumnet Name : P7  
 Client Sample ID : ICV01 Dilution Factor : 1  
 Date & Time Acquired :: 2021-07-27 11:45:53 DataFile Name : 012ICV.d

| Parameter  | Mass  | CPS1      | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|-----------|----------|----------|----------|--------|-------|
| Molybdenum | 95-1  | 9522566   | 9302507  | 9193131  | 9339402  | 1.80   | cps   |
| Molybdenum | 96-1  | 10272251  | 9975315  | 9890101  | 10045889 | 2.00   | cps   |
| Molybdenum | 97-1  | 5994449   | 5897287  | 5829126  | 5906954  | 1.41   | cps   |
| Molybdenum | 98-1  | 15326677  | 15282994 | 15008885 | 15206185 | 1.13   | cps   |
| Neodymium  | 150-1 | 33        | 13       | 13       | 20       | 57.74  | cps   |
| Nickel     | 60-1  | 316701    | 315326   | 312818   | 314948   | 0.63   | cps   |
| Phosphorus | 31-1  | 22610     | 22320    | 21828    | 22253    | 1.78   | cps   |
| Potassium  | 39-1  | 24197931  | 23954364 | 23726996 | 23959764 | 0.98   | cps   |
| Rhodium    | 103-1 | 7769337   | 7332086  | 7408161  | 7503195  | 3.11   | cps   |
| Scandium   | 45-1  | 4701835   | 4466151  | 4459782  | 4542589  | 3.04   | cps   |
| Selenium   | 77-1  | 20482     | 20790    | 20682    | 20651    | 0.76   | cps   |
| Selenium   | 78-1  |           |          |          |          |        | cps   |
| Selenium   | 82-1  | 27689     | 27740    | 27189    | 27539    | 1.10   | cps   |
| Silicon    | 28-1  | 298983    | 309262   | 314741   | 307662   | 2.60   | cps   |
| Silver     | 107-1 | 507376    | 501473   | 500593   | 503147   | 0.73   | cps   |
| Silver     | 109-1 | 481438    | 487876   | 475977   | 481764   | 1.24   | cps   |
| Sodium     | 23-1  | 25826129  | 25430679 | 25044566 | 25433791 | 1.54   | cps   |
| Strontium  | 86-1  | 11572695  | 11387018 | 11200564 | 11386759 | 1.63   | cps   |
| Strontium  | 88-1  | 100331529 | 99298633 | 97600008 | 99076724 | 1.39   | cps   |
| Sulfur     | 34-1  | 485882    | 470530   | 455196   | 470536   | 3.26   | cps   |
| Terbium    | 159-1 | 12143292  | 11717730 | 11869805 | 11910276 | 1.81   | cps   |
| Thallium   | 203-1 | 2097270   | 2106394  | 2114290  | 2105985  | 0.40   | cps   |
| Thallium   | 205-1 | 5023552   | 5023433  | 5026951  | 5024645  | 0.04   | cps   |
| Thorium    | 232-1 | 1311      | 1278     | 1422     | 1337     | 5.66   | cps   |
| Tin        | 118-1 | 1417      | 1350     | 1375     | 1381     | 2.44   | cps   |
| Titanium   | 47-1  | 2432783   | 2429597  | 2382720  | 2415033  | 1.16   | cps   |
| Uranium    | 238-1 | 142       | 175      | 125      | 147      | 17.30  | cps   |
| Vanadium   | 51-1  | 1365909   | 1360345  | 1333478  | 1353244  | 1.28   | cps   |
| Yttrium    | 89-1  | 11926511  | 11388642 | 11311339 | 11542164 | 2.90   | cps   |
| Zinc       | 66-1  | 417875    | 413982   | 412077   | 414645   | 0.71   | cps   |
| Zirconium  | 90-1  | 3250      | 3309     | 2934     | 3164     | 6.38   | cps   |
| Zirconium  | 91-1  | 1067      | 967      | 892      | 975      | 9.00   | cps   |

LB Number : LB115569 Operator : JASWAL  
 Lab Sample ID : ICB01 Instrumnet Name : P7  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2021-07-27 12:16:43 DataFile Name : 013CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-1  | 6528     | 5967     | 6588     | 6361     | 5.38   | cps   |
| Antimony   | 121-1 | 292      | 275      | 292      | 286      | 3.36   | cps   |
| Arsenic    | 75-1  | -1524    | -1538    | -1659    | -1574    | -4.74  | cps   |
| Barium     | 135-1 | 33       | 17       | 33       | 28       | 34.63  | cps   |
| Barium     | 137-1 | 42       | 17       | 25       | 28       | 45.82  | cps   |
| Beryllium  | 9-1   | 94       | 106      | 106      | 102      | 6.30   | cps   |
| Bismuth    | 209-1 | 8253381  | 8265844  | 8313433  | 8277553  | 0.38   | cps   |
| Boron      | 10-1  | 900      | 1075     | 1083     | 1020     | 10.15  | cps   |
| Boron      | 11-1  | 4959     | 5243     | 5101     | 5101     | 2.78   | cps   |
| Bromine    | 81-1  | 8119     | 7819     | 7769     | 7902     | 2.40   | cps   |
| Cadmium    | 111-1 | 3659     | 3999     | 4030     | 3896     | 5.28   | cps   |
| Cadmium    | 106-1 | 5251     | 5751     | 5776     | 5593     | 5.30   | cps   |
| Cadmium    | 108-1 | 42       | 50       | 38       | 43       | 14.78  | cps   |
| Calcium    | 43-1  | 158      | 100      | 192      | 150      | 30.93  | cps   |
| Calcium    | 44-1  | 7235     | 6760     | 7427     | 7141     | 4.81   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chromium   | 52-1  | 13773    | 13700    | 13540    | 13671    | 0.87   | cps   |
| Cobalt     | 59-1  | 501      | 541      | 511      | 517      | 4.03   | cps   |
| Copper     | 63-1  | 1640     | 1697     | 1700     | 1679     | 2.01   | cps   |
| Dysprosium | 156-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Erbium     | 164-1 | 75       | 75       | 125      | 92       | 31.49  | cps   |
| Gadolinium | 160-1 | 25       | 92       | 175      | 97       | 77.30  | cps   |
| Holmium    | 165-1 | 11761280 | 11480253 | 11667909 | 11636481 | 1.23   | cps   |
| Indium     | 115-1 | 8279707  | 8346105  | 8388717  | 8338176  | 0.66   | cps   |
| Iron       | 56-1  | 2456186  | 2481275  | 2495864  | 2477775  | 0.81   | cps   |
| Iron       | 57-1  | 36242    | 37055    | 37295    | 36864    | 1.50   | cps   |
| Iron       | 54-1  |          |          |          |          |        | cps   |
| Krypton    | 83-1  | 767      | 770      | 683      | 740      | 6.64   | cps   |
| Lead       | 206-1 | 1345     | 1345     | 1461     | 1383     | 4.87   | cps   |
| Lead       | 207-1 | 1161     | 1333     | 1250     | 1248     | 6.90   | cps   |
| Lead       | 208-1 | 5639     | 5589     | 6073     | 5767     | 4.61   | cps   |
| Lithium    | 6-1   | 2753359  | 2774665  | 2786731  | 2771585  | 0.61   | cps   |
| Magnesium  | 24-1  | 9433     | 9172     | 10585    | 9730     | 7.72   | cps   |
| Manganese  | 55-1  | 4055     | 4185     | 4555     | 4265     | 6.09   | cps   |
| Molybdenum | 94-1  | 250      | 383      | 217      | 283      | 31.13  | cps   |

LB Number : LB115569 Operator : JASWAL  
 Lab Sample ID : ICB01 Instrumnet Name : P7  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2021-07-27 12:16:43 DataFile Name : 013CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 95-1  | 217      | 192      | 225      | 211      | 8.22    | cps   |
| Molybdenum | 96-1  | 342      | 258      | 325      | 308      | 14.30   | cps   |
| Molybdenum | 97-1  | 100      | 83       | 100      | 94       | 10.18   | cps   |
| Molybdenum | 98-1  | 358      | 342      | 258      | 319      | 16.77   | cps   |
| Neodymium  | 150-1 | 13       | 0        | 0        | 4        | 173.21  | cps   |
| Nickel     | 60-1  | 537      | 513      | 467      | 506      | 7.05    | cps   |
| Phosphorus | 31-1  | 22730    | 22921    | 22931    | 22861    | 0.49    | cps   |
| Potassium  | 39-1  | 3403142  | 3421503  | 3409410  | 3411352  | 0.27    | cps   |
| Rhodium    | 103-1 | 7638378  | 7747074  | 7678740  | 7688064  | 0.71    | cps   |
| Scandium   | 45-1  | 4701698  | 4744831  | 4738858  | 4728462  | 0.49    | cps   |
| Selenium   | 77-1  | 67       | 33       | 67       | 56       | 34.65   | cps   |
| Selenium   | 78-1  |          |          |          |          |         | cps   |
| Selenium   | 82-1  | -74      | -100     | 82       | -31      | -322.12 | cps   |
| Silicon    | 28-1  | 232398   | 232961   | 239396   | 234918   | 1.65    | cps   |
| Silver     | 107-1 | 100      | 100      | 142      | 114      | 21.12   | cps   |
| Silver     | 109-1 | 58       | 17       | 58       | 44       | 54.12   | cps   |
| Sodium     | 23-1  | 268095   | 269960   | 273495   | 270516   | 1.01    | cps   |
| Strontium  | 86-1  | 1042     | 1142     | 1392     | 1192     | 15.13   | cps   |
| Strontium  | 88-1  | 767      | 758      | 850      | 792      | 6.40    | cps   |
| Sulfur     | 34-1  | 527077   | 525617   | 526245   | 526313   | 0.14    | cps   |
| Terbium    | 159-1 | 11895849 | 11859027 | 11856624 | 11870500 | 0.19    | cps   |
| Thallium   | 203-1 | 175      | 75       | 42       | 97       | 71.37   | cps   |
| Thallium   | 205-1 | 217      | 333      | 267      | 272      | 21.50   | cps   |
| Thorium    | 232-1 | 228      | 156      | 161      | 181      | 22.15   | cps   |
| Tin        | 118-1 | 500      | 525      | 675      | 567      | 16.70   | cps   |
| Titanium   | 47-1  | 33       | 108      | 92       | 78       | 50.64   | cps   |
| Uranium    | 238-1 | 33       | 33       | 25       | 31       | 15.74   | cps   |
| Vanadium   | 51-1  | 80       | 90       | 130      | 100      | 26.46   | cps   |
| Yttrium    | 89-1  | 11770712 | 11791872 | 11752470 | 11771685 | 0.17    | cps   |
| Zinc       | 66-1  | 1637     | 1807     | 1740     | 1728     | 4.96    | cps   |
| Zirconium  | 90-1  | 742      | 658      | 708      | 703      | 5.97    | cps   |
| Zirconium  | 91-1  | 125      | 108      | 100      | 111      | 11.46   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:19:17 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Aluminium  | 27-1  | 872463273  | 868621971  | 872142812  | 871076019  | 0.24   | cps   |
| Antimony   | 121-1 | 8803       | 8453       | 8444       | 8567       | 2.39   | cps   |
| Arsenic    | 75-1  | 124        | 344        | 1037       | 501        | 95.04  | cps   |
| Barium     | 135-1 | 2384       | 2367       | 2550       | 2434       | 4.17   | cps   |
| Barium     | 137-1 | 4301       | 4326       | 4367       | 4331       | 0.78   | cps   |
| Beryllium  | 9-1   | 528        | 439        | 450        | 472        | 10.26  | cps   |
| Bismuth    | 209-1 | 7893388    | 7815838    | 8235814    | 7981680    | 2.80   | cps   |
| Boron      | 10-1  | 1033       | 958        | 1000       | 997        | 3.77   | cps   |
| Boron      | 11-1  | 4768       | 4451       | 4067       | 4429       | 7.92   | cps   |
| Bromine    | 81-1  | 6602       | 6927       | 6827       | 6785       | 2.45   | cps   |
| Cadmium    | 111-1 | 5464       | 5992       | 6189       | 5882       | 6.38   | cps   |
| Cadmium    | 106-1 | 4409       | 4492       | 4818       | 4573       | 4.72   | cps   |
| Cadmium    | 108-1 | 3117       | 2892       | 2888       | 2966       | 4.42   | cps   |
| Calcium    | 43-1  | 1925960    | 1919299    | 1951412    | 1932224    | 0.88   | cps   |
| Calcium    | 44-1  | 29675773   | 29441820   | 30323499   | 29813697   | 1.53   | cps   |
| Carbon     | 12-1  |            |            |            |            |        | cps   |
| Chlorine   | 35-1  |            |            |            |            |        | cps   |
| Chromium   | 52-1  | 230072     | 229801     | 232250     | 230708     | 0.58   | cps   |
| Cobalt     | 59-1  | 16406      | 16536      | 16115      | 16353      | 1.32   | cps   |
| Copper     | 63-1  | 55829      | 56873      | 56756      | 56486      | 1.01   | cps   |
| Dysprosium | 156-1 | 42         | 33         | 67         | 47         | 36.74  | cps   |
| Erbium     | 164-1 | 125        | 125        | 133        | 128        | 3.77   | cps   |
| Gadolinium | 160-1 | 100        | 75         | 125        | 100        | 25.00  | cps   |
| Holmium    | 165-1 | 11485514   | 11342676   | 11688879   | 11505690   | 1.51   | cps   |
| Indium     | 115-1 | 7766987    | 7772531    | 7834205    | 7791241    | 0.48   | cps   |
| Iron       | 56-1  | 1317871105 | 1317716150 | 1335828381 | 1323805212 | 0.79   | cps   |
| Iron       | 57-1  | 31889163   | 32228582   | 32567450   | 32228399   | 1.05   | cps   |
| Iron       | 54-1  |            |            |            |            |        | cps   |
| Krypton    | 83-1  | 643        | 727        | 710        | 693        | 6.36   | cps   |
| Lead       | 206-1 | 37832      | 38350      | 37876      | 38019      | 0.76   | cps   |
| Lead       | 207-1 | 31398      | 30418      | 30624      | 30814      | 1.68   | cps   |
| Lead       | 208-1 | 146213     | 145560     | 144053     | 145275     | 0.76   | cps   |
| Lithium    | 6-1   | 2479750    | 2420237    | 2448200    | 2449396    | 1.22   | cps   |
| Magnesium  | 24-1  | 788291424  | 793123075  | 792122995  | 791179165  | 0.32   | cps   |
| Manganese  | 55-1  | 125739     | 124860     | 123487     | 124695     | 0.91   | cps   |
| Molybdenum | 94-1  | 3751558    | 3778731    | 3748581    | 3759623    | 0.44   | cps   |

LB Number : LB115569 Operator : JASWAL  
 Lab Sample ID : ICSA01 Instrumnet Name : P7  
 Client Sample ID : ICSA01 Dilution Factor : 1  
 Date & Time Acquired :: 2021-07-27 12:19:17 DataFile Name : 014ICSA.d

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD  | Units |
|------------|-------|------------|------------|------------|------------|---------|-------|
| Molybdenum | 95-1  | 6665622    | 6718983    | 6769247    | 6717950    | 0.77    | cps   |
| Molybdenum | 96-1  | 7177636    | 7222358    | 7233446    | 7211147    | 0.41    | cps   |
| Molybdenum | 97-1  | 4116162    | 4132489    | 4179186    | 4142612    | 0.79    | cps   |
| Molybdenum | 98-1  | 10770713   | 10929520   | 10926510   | 10875581   | 0.84    | cps   |
| Neodymium  | 150-1 | 47         | 13         | 27         | 29         | 58.08   | cps   |
| Nickel     | 60-1  | 16226      | 16960      | 16122      | 16436      | 2.78    | cps   |
| Phosphorus | 31-1  | 34547885   | 34567153   | 35069471   | 34728170   | 0.85    | cps   |
| Potassium  | 39-1  | 952483810  | 948598785  | 955670697  | 952251098  | 0.37    | cps   |
| Rhodium    | 103-1 | 6866384    | 6889462    | 7019799    | 6925215    | 1.19    | cps   |
| Scandium   | 45-1  | 4271207    | 4181406    | 4246637    | 4233083    | 1.10    | cps   |
| Selenium   | 77-1  | 242        | 283        | 400        | 308        | 26.62   | cps   |
| Selenium   | 78-1  |            |            |            |            |         | cps   |
| Selenium   | 82-1  | 39         | -92        | -31        | -28        | -235.78 | cps   |
| Silicon    | 28-1  | 294074     | 289018     | 290520     | 291204     | 0.89    | cps   |
| Silver     | 107-1 | 458        | 392        | 508        | 453        | 12.93   | cps   |
| Silver     | 109-1 | 308        | 400        | 400        | 369        | 14.33   | cps   |
| Sodium     | 23-1  | 1130938298 | 1153175175 | 1170633873 | 1151582449 | 1.73    | cps   |
| Strontium  | 86-1  | 74091      | 74744      | 72842      | 73892      | 1.31    | cps   |
| Strontium  | 88-1  | 637397     | 641749     | 641733     | 640293     | 0.39    | cps   |
| Sulfur     | 34-1  | 3777819    | 3731584    | 3732266    | 3747223    | 0.71    | cps   |
| Terbium    | 159-1 | 11697996   | 11441915   | 11952480   | 11697464   | 2.18    | cps   |
| Thallium   | 203-1 | 1258       | 975        | 1017       | 1083       | 14.12   | cps   |
| Thallium   | 205-1 | 2967       | 2659       | 2084       | 2570       | 17.45   | cps   |
| Thorium    | 232-1 | 139        | 172        | 206        | 172        | 19.36   | cps   |
| Tin        | 118-1 | 1725       | 1717       | 1859       | 1767       | 4.50    | cps   |
| Titanium   | 47-1  | 1796694    | 1785321    | 1797098    | 1793038    | 0.37    | cps   |
| Uranium    | 238-1 | 533        | 575        | 508        | 539        | 6.25    | cps   |
| Vanadium   | 51-1  | 3935       | 4455       | 4555       | 4315       | 7.72    | cps   |
| Yttrium    | 89-1  | 11067689   | 10798379   | 11196442   | 11020837   | 1.84    | cps   |
| Zinc       | 66-1  | 24414      | 24701      | 25172      | 24762      | 1.55    | cps   |
| Zirconium  | 90-1  | 708        | 717        | 1017       | 814        | 21.58   | cps   |
| Zirconium  | 91-1  | 158        | 158        | 125        | 147        | 13.07   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:21:49 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Aluminium  | 27-1  | 879256886  | 888750379  | 890993562  | 886333609  | 0.70   | cps   |
| Antimony   | 121-1 | 155907     | 157321     | 158242     | 157157     | 0.75   | cps   |
| Arsenic    | 75-1  | 29841      | 29283      | 31144      | 30089      | 3.18   | cps   |
| Barium     | 135-1 | 38487      | 38663      | 38044      | 38398      | 0.83   | cps   |
| Barium     | 137-1 | 67321      | 66836      | 67070      | 67076      | 0.36   | cps   |
| Beryllium  | 9-1   | 30336      | 29857      | 30124      | 30106      | 0.80   | cps   |
| Bismuth    | 209-1 | 8092289    | 8070997    | 8268237    | 8143841    | 1.33   | cps   |
| Boron      | 10-1  | 10562      | 10796      | 11229      | 10862      | 3.12   | cps   |
| Boron      | 11-1  | 50116      | 52374      | 52935      | 51808      | 2.88   | cps   |
| Bromine    | 81-1  | 7177       | 7019       | 7152       | 7116       | 1.20   | cps   |
| Cadmium    | 111-1 | 46901      | 47873      | 48081      | 47619      | 1.32   | cps   |
| Cadmium    | 106-1 | 10754      | 10312      | 10946      | 10671      | 3.05   | cps   |
| Cadmium    | 108-1 | 6039       | 6339       | 6347       | 6242       | 2.82   | cps   |
| Calcium    | 43-1  | 1976156    | 1980607    | 1976097    | 1977620    | 0.13   | cps   |
| Calcium    | 44-1  | 30699797   | 30383404   | 30824184   | 30635795   | 0.74   | cps   |
| Carbon     | 12-1  |            |            |            |            |        | cps   |
| Chlorine   | 35-1  |            |            |            |            |        | cps   |
| Chromium   | 52-1  | 450301     | 452447     | 451437     | 451395     | 0.24   | cps   |
| Cobalt     | 59-1  | 272592     | 272018     | 271775     | 272128     | 0.15   | cps   |
| Copper     | 63-1  | 190333     | 191839     | 192325     | 191499     | 0.54   | cps   |
| Dysprosium | 156-1 | 17         | 33         | 33         | 28         | 34.63  | cps   |
| Erbium     | 164-1 | 167        | 83         | 133        | 128        | 32.82  | cps   |
| Gadolinium | 160-1 | 175        | 117        | 125        | 139        | 22.72  | cps   |
| Holmium    | 165-1 | 11838847   | 11960202   | 12034853   | 11944634   | 0.83   | cps   |
| Indium     | 115-1 | 7889777    | 7989873    | 8148928    | 8009526    | 1.63   | cps   |
| Iron       | 56-1  | 1356111424 | 1355910783 | 1351138531 | 1354386913 | 0.21   | cps   |
| Iron       | 57-1  | 32961836   | 32926487   | 33310005   | 33066109   | 0.64   | cps   |
| Iron       | 54-1  |            |            |            |            |        | cps   |
| Krypton    | 83-1  | 787        | 653        | 743        | 728        | 9.35   | cps   |
| Lead       | 206-1 | 187432     | 187883     | 189922     | 188412     | 0.70   | cps   |
| Lead       | 207-1 | 156018     | 157097     | 158334     | 157150     | 0.74   | cps   |
| Lead       | 208-1 | 727925     | 735477     | 739955     | 734452     | 0.83   | cps   |
| Lithium    | 6-1   | 2440529    | 2445127    | 2460091    | 2448582    | 0.42   | cps   |
| Magnesium  | 24-1  | 800578430  | 806061633  | 810726278  | 805788780  | 0.63   | cps   |
| Manganese  | 55-1  | 438406     | 442391     | 440777     | 440525     | 0.45   | cps   |
| Molybdenum | 94-1  | 4041422    | 4066040    | 4066353    | 4057938    | 0.35   | cps   |

LB Number : LB115569 Operator : JASWAL  
 Lab Sample ID : ICSAB01 Instrumnet Name : P7  
 Client Sample ID : ICSAB01 Dilution Factor : 1  
 Date & Time Acquired :: 2021-07-27 12:21:49 DataFile Name : 015ICSB.d

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Molybdenum | 95-1  | 6933542    | 6956672    | 6907415    | 6932543    | 0.36   | cps   |
| Molybdenum | 96-1  | 7430468    | 7489231    | 7562145    | 7493948    | 0.88   | cps   |
| Molybdenum | 97-1  | 4203269    | 4232089    | 4234319    | 4223226    | 0.41   | cps   |
| Molybdenum | 98-1  | 11145072   | 11159882   | 11233523   | 11179492   | 0.42   | cps   |
| Neodymium  | 150-1 | 47         | 20         | 60         | 42         | 48.24  | cps   |
| Nickel     | 60-1  | 70632      | 71433      | 70903      | 70989      | 0.57   | cps   |
| Phosphorus | 31-1  | 35319702   | 35792912   | 35947764   | 35686793   | 0.92   | cps   |
| Potassium  | 39-1  | 972593900  | 987653799  | 990649975  | 983632558  | 0.98   | cps   |
| Rhodium    | 103-1 | 7151616    | 7178411    | 7172871    | 7167633    | 0.20   | cps   |
| Scandium   | 45-1  | 4308955    | 4320786    | 4332871    | 4320871    | 0.28   | cps   |
| Selenium   | 77-1  | 2334       | 2025       | 2242       | 2200       | 7.20   | cps   |
| Selenium   | 78-1  |            |            |            |            |        | cps   |
| Selenium   | 82-1  | 2246       | 2400       | 2373       | 2340       | 3.52   | cps   |
| Silicon    | 28-1  | 294249     | 299031     | 308508     | 300596     | 2.41   | cps   |
| Silver     | 107-1 | 176334     | 177988     | 176629     | 176984     | 0.50   | cps   |
| Silver     | 109-1 | 170591     | 167875     | 170170     | 169546     | 0.86   | cps   |
| Sodium     | 23-1  | 1162988508 | 1177851530 | 1182108987 | 1174316342 | 0.85   | cps   |
| Strontium  | 86-1  | 192829     | 191780     | 192734     | 192448     | 0.30   | cps   |
| Strontium  | 88-1  | 1649530    | 1676605    | 1676117    | 1667418    | 0.93   | cps   |
| Sulfur     | 34-1  | 3741362    | 3769717    | 3779259    | 3763446    | 0.52   | cps   |
| Terbium    | 159-1 | 12050252   | 12186235   | 12017468   | 12084652   | 0.74   | cps   |
| Thallium   | 203-1 | 185594     | 185127     | 189777     | 186833     | 1.37   | cps   |
| Thallium   | 205-1 | 441804     | 442760     | 445408     | 443324     | 0.42   | cps   |
| Thorium    | 232-1 | 139        | 217        | 244        | 200        | 27.36  | cps   |
| Tin        | 118-1 | 323733     | 329123     | 326688     | 326514     | 0.83   | cps   |
| Titanium   | 47-1  | 1784015    | 1793356    | 1792214    | 1789862    | 0.28   | cps   |
| Uranium    | 238-1 | 1761270    | 1767118    | 1789805    | 1772731    | 0.85   | cps   |
| Vanadium   | 51-1  | 245028     | 248975     | 247469     | 247158     | 0.81   | cps   |
| Yttrium    | 89-1  | 11267698   | 11446840   | 11625967   | 11446835   | 1.56   | cps   |
| Zinc       | 66-1  | 61806      | 62125      | 60528      | 61486      | 1.37   | cps   |
| Zirconium  | 90-1  | 599019     | 612481     | 607152     | 606217     | 1.12   | cps   |
| Zirconium  | 91-1  | 135444     | 137941     | 139195     | 137527     | 1.39   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB115569            | Operator :        | JASWAL   |
| Lab Sample ID :         | CCV40               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV40               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2021-07-27 12:26:54 | DataFile Name :   | 017CCV.d |

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Aluminium  | 27-1  | 461752716  | 469438522  | 468680124  | 466623787  | 0.91   | cps   |
| Antimony   | 121-1 | 3576137    | 3635396    | 3626774    | 3612769    | 0.89   | cps   |
| Arsenic    | 75-1  | 686048     | 692981     | 696480     | 691836     | 0.77   | cps   |
| Barium     | 135-1 | 4297886    | 4361562    | 4359875    | 4339774    | 0.84   | cps   |
| Barium     | 137-1 | 7788683    | 7940260    | 7885117    | 7871353    | 0.97   | cps   |
| Beryllium  | 9-1   | 729436     | 735339     | 734706     | 733160     | 0.44   | cps   |
| Bismuth    | 209-1 | 7965303    | 7719354    | 7852452    | 7845703    | 1.57   | cps   |
| Boron      | 10-1  | 89615      | 95315      | 96598      | 93843      | 3.96   | cps   |
| Boron      | 11-1  | 424192     | 447694     | 457851     | 443246     | 3.90   | cps   |
| Bromine    | 81-1  | 6218       | 5785       | 5835       | 5946       | 3.99   | cps   |
| Cadmium    | 111-1 | 956035     | 959083     | 950962     | 955360     | 0.43   | cps   |
| Cadmium    | 106-1 | 113828     | 111779     | 111409     | 112339     | 1.16   | cps   |
| Cadmium    | 108-1 | 74251      | 74243      | 74096      | 74196      | 0.12   | cps   |
| Calcium    | 43-1  | 4926651    | 4922136    | 4904489    | 4917759    | 0.24   | cps   |
| Calcium    | 44-1  | 77858818   | 77853908   | 77741050   | 77817925   | 0.09   | cps   |
| Carbon     | 12-1  |            |            |            |            |        | cps   |
| Chlorine   | 35-1  |            |            |            |            |        | cps   |
| Chromium   | 52-1  | 5665141    | 5631285    | 5725031    | 5673819    | 0.84   | cps   |
| Cobalt     | 59-1  | 6390361    | 6486624    | 6442006    | 6439664    | 0.75   | cps   |
| Copper     | 63-1  | 32241648   | 32752291   | 32691970   | 32561970   | 0.86   | cps   |
| Dysprosium | 156-1 | 1133       | 1267       | 933        | 1111       | 15.10  | cps   |
| Erbium     | 164-1 | 267        | 267        | 342        | 292        | 14.85  | cps   |
| Gadolinium | 160-1 | 1317       | 1392       | 1117       | 1275       | 11.15  | cps   |
| Holmium    | 165-1 | 11811987   | 11545258   | 11888106   | 11748451   | 1.53   | cps   |
| Indium     | 115-1 | 8015732    | 7860868    | 7932538    | 7936379    | 0.98   | cps   |
| Iron       | 56-1  | 1662818240 | 1672285066 | 1694754735 | 1676619347 | 0.98   | cps   |
| Iron       | 57-1  | 40387114   | 40902669   | 40582743   | 40624175   | 0.64   | cps   |
| Iron       | 54-1  |            |            |            |            |        | cps   |
| Krypton    | 83-1  | 680        | 620        | 737        | 679        | 8.59   | cps   |
| Lead       | 206-1 | 18442034   | 18798750   | 18888362   | 18709715   | 1.26   | cps   |
| Lead       | 207-1 | 16608632   | 16736976   | 16686796   | 16677468   | 0.39   | cps   |
| Lead       | 208-1 | 75582626   | 76128477   | 75959081   | 75890061   | 0.37   | cps   |
| Lithium    | 6-1   | 2449905    | 2392927    | 2362209    | 2401680    | 1.85   | cps   |
| Magnesium  | 24-1  | 2122132618 | 2146106911 | 2161126811 | 2143122113 | 0.92   | cps   |
| Manganese  | 55-1  | 82069059   | 82538986   | 82940885   | 82516310   | 0.53   | cps   |
| Molybdenum | 94-1  | 7285577    | 7248221    | 7347801    | 7293866    | 0.69   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB115569            | Operator :        | JASWAL   |
| Lab Sample ID :         | CCV40               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV40               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2021-07-27 12:26:54 | DataFile Name :   | 017CCV.d |

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Molybdenum | 95-1  | 8975267    | 9023256    | 9053845    | 9017456    | 0.44   | cps   |
| Molybdenum | 96-1  | 10084256   | 9952023    | 10133748   | 10056675   | 0.93   | cps   |
| Molybdenum | 97-1  | 5441530    | 5397032    | 5813339    | 5550634    | 4.12   | cps   |
| Molybdenum | 98-1  | 14443656   | 14474068   | 14762922   | 14560215   | 1.21   | cps   |
| Neodymium  | 150-1 | 480        | 307        | 373        | 387        | 22.61  | cps   |
| Nickel     | 60-1  | 1286364    | 1294533    | 1293083    | 1291327    | 0.34   | cps   |
| Phosphorus | 31-1  | 3574082    | 3549281    | 3510706    | 3544690    | 0.90   | cps   |
| Potassium  | 39-1  | 1256739135 | 1251803199 | 1251929766 | 1253490700 | 0.22   | cps   |
| Rhodium    | 103-1 | 7050801    | 6877117    | 6879896    | 6935938    | 1.43   | cps   |
| Scandium   | 45-1  | 4332873    | 4178438    | 4166134    | 4225815    | 2.20   | cps   |
| Selenium   | 77-1  | 43081      | 42947      | 41944      | 42658      | 1.46   | cps   |
| Selenium   | 78-1  |            |            |            |            |        | cps   |
| Selenium   | 82-1  | 57142      | 56549      | 56017      | 56569      | 1.00   | cps   |
| Silicon    | 28-1  | 2714198    | 2926211    | 3031296    | 2890568    | 5.59   | cps   |
| Silver     | 107-1 | 4368059    | 4329687    | 4389437    | 4362395    | 0.69   | cps   |
| Silver     | 109-1 | 4156030    | 4215184    | 4162295    | 4177837    | 0.78   | cps   |
| Sodium     | 23-1  | 2922148526 | 2961446462 | 2959720496 | 2947771828 | 0.75   | cps   |
| Strontium  | 86-1  | 10873666   | 10750718   | 10954568   | 10859651   | 0.95   | cps   |
| Strontium  | 88-1  | 94172983   | 94367835   | 95955613   | 94832144   | 1.03   | cps   |
| Sulfur     | 34-1  | 771961     | 762273     | 758873     | 764369     | 0.89   | cps   |
| Terbium    | 159-1 | 12126806   | 11805099   | 11987837   | 11973248   | 1.35   | cps   |
| Thallium   | 203-1 | 4308552    | 4372676    | 4374500    | 4351910    | 0.86   | cps   |
| Thallium   | 205-1 | 10632178   | 10841260   | 10935420   | 10802953   | 1.44   | cps   |
| Thorium    | 232-1 | 17152642   | 17300285   | 17379657   | 17277528   | 0.67   | cps   |
| Tin        | 118-1 | 3001458    | 3050999    | 3026976    | 3026478    | 0.82   | cps   |
| Titanium   | 47-1  | 2183184    | 2174051    | 2169160    | 2175465    | 0.33   | cps   |
| Uranium    | 238-1 | 16775014   | 17027378   | 17101707   | 16968033   | 1.01   | cps   |
| Vanadium   | 51-1  | 6331158    | 6450525    | 6422398    | 6401361    | 0.97   | cps   |
| Yttrium    | 89-1  | 11465637   | 11062830   | 11260134   | 11262867   | 1.79   | cps   |
| Zinc       | 66-1  | 9012994    | 9074920    | 9200421    | 9096112    | 1.05   | cps   |
| Zirconium  | 90-1  | 5792012    | 5778694    | 5878284    | 5816330    | 0.93   | cps   |
| Zirconium  | 91-1  | 1259632    | 1251270    | 1266963    | 1259288    | 0.62   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | CCB40               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB40               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:39:41 | DataFile Name :   | 018CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-1  | 8481     | 8962     | 9172     | 8872     | 3.99   | cps   |
| Antimony   | 121-1 | 458      | 433      | 400      | 431      | 6.80   | cps   |
| Arsenic    | 75-1  | -1961    | -1636    | -1591    | -1729    | -11.66 | cps   |
| Barium     | 135-1 | 33       | 75       | 92       | 67       | 45.07  | cps   |
| Barium     | 137-1 | 58       | 67       | 75       | 67       | 12.50  | cps   |
| Beryllium  | 9-1   | 61       | 72       | 72       | 69       | 9.36   | cps   |
| Bismuth    | 209-1 | 8313242  | 8454729  | 8361555  | 8376509  | 0.86   | cps   |
| Boron      | 10-1  | 1450     | 1308     | 1192     | 1317     | 9.83   | cps   |
| Boron      | 11-1  | 6593     | 6535     | 5951     | 6360     | 5.58   | cps   |
| Bromine    | 81-1  | 6485     | 6735     | 6760     | 6660     | 2.28   | cps   |
| Cadmium    | 111-1 | 3420     | 3464     | 3534     | 3473     | 1.65   | cps   |
| Cadmium    | 106-1 | 4876     | 4951     | 5043     | 4957     | 1.68   | cps   |
| Cadmium    | 108-1 | 38       | 38       | 42       | 39       | 6.19   | cps   |
| Calcium    | 43-1  | 133      | 175      | 208      | 172      | 21.82  | cps   |
| Calcium    | 44-1  | 7310     | 7486     | 7435     | 7410     | 1.22   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chromium   | 52-1  | 12679    | 13059    | 12539    | 12759    | 2.11   | cps   |
| Cobalt     | 59-1  | 611      | 400      | 280      | 430      | 38.85  | cps   |
| Copper     | 63-1  | 2520     | 2474     | 2540     | 2511     | 1.36   | cps   |
| Dysprosium | 156-1 | 0        | 25       | 8        | 11       | 114.58 | cps   |
| Erbium     | 164-1 | 17       | 150      | 83       | 83       | 79.99  | cps   |
| Gadolinium | 160-1 | 67       | 92       | 50       | 69       | 30.20  | cps   |
| Holmium    | 165-1 | 11683960 | 11641716 | 11811968 | 11712548 | 0.76   | cps   |
| Indium     | 115-1 | 8409164  | 8326033  | 8414489  | 8383229  | 0.59   | cps   |
| Iron       | 56-1  | 2295773  | 2314506  | 2335497  | 2315259  | 0.86   | cps   |
| Iron       | 57-1  | 31867    | 32790    | 33382    | 32680    | 2.34   | cps   |
| Iron       | 54-1  |          |          |          |          |        | cps   |
| Krypton    | 83-1  | 630      | 737      | 757      | 708      | 9.62   | cps   |
| Lead       | 206-1 | 1672     | 1695     | 1606     | 1658     | 2.79   | cps   |
| Lead       | 207-1 | 1328     | 1433     | 1433     | 1398     | 4.36   | cps   |
| Lead       | 208-1 | 6395     | 6467     | 6590     | 6484     | 1.52   | cps   |
| Lithium    | 6-1   | 2660134  | 2661791  | 2676394  | 2666107  | 0.34   | cps   |
| Magnesium  | 24-1  | 25437    | 24936    | 27072    | 25815    | 4.33   | cps   |
| Manganese  | 55-1  | 5427     | 5196     | 5246     | 5290     | 2.29   | cps   |
| Molybdenum | 94-1  | 525      | 517      | 525      | 522      | 0.92   | cps   |

LB Number : LB115569 Operator : JASWAL  
 Lab Sample ID : CCB40 Instrumnet Name : P7  
 Client Sample ID : CCB40 Dilution Factor : 1  
 Date & Time Acquired :: 2021-07-27 12:39:41 DataFile Name : 018CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 95-1  | 267      | 292      | 250      | 269      | 7.78   | cps   |
| Molybdenum | 96-1  | 425      | 333      | 267      | 342      | 23.27  | cps   |
| Molybdenum | 97-1  | 158      | 117      | 125      | 133      | 16.54  | cps   |
| Molybdenum | 98-1  | 400      | 375      | 442      | 406      | 8.31   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Nickel     | 60-1  | 533      | 417      | 507      | 486      | 12.59  | cps   |
| Phosphorus | 31-1  | 22189    | 21548    | 22079    | 21939    | 1.56   | cps   |
| Potassium  | 39-1  | 3257908  | 3241989  | 3281552  | 3260483  | 0.61   | cps   |
| Rhodium    | 103-1 | 7682666  | 7701275  | 7693554  | 7692498  | 0.12   | cps   |
| Scandium   | 45-1  | 4552746  | 4544573  | 4572180  | 4556500  | 0.31   | cps   |
| Selenium   | 77-1  | 25       | 58       | 50       | 44       | 39.04  | cps   |
| Selenium   | 78-1  |          |          |          |          |        | cps   |
| Selenium   | 82-1  | 196      | 3        | -42      | 52       | 241.62 | cps   |
| Silicon    | 28-1  | 195215   | 192387   | 194371   | 193991   | 0.75   | cps   |
| Silver     | 107-1 | 150      | 150      | 183      | 161      | 11.95  | cps   |
| Silver     | 109-1 | 117      | 117      | 142      | 125      | 11.55  | cps   |
| Sodium     | 23-1  | 445544   | 445996   | 447120   | 446220   | 0.18   | cps   |
| Strontium  | 86-1  | 1408     | 1375     | 1183     | 1322     | 9.18   | cps   |
| Strontium  | 88-1  | 958      | 875      | 983      | 939      | 6.04   | cps   |
| Sulfur     | 34-1  | 469620   | 474079   | 476470   | 473390   | 0.73   | cps   |
| Terbium    | 159-1 | 11920052 | 11839142 | 12128815 | 11962670 | 1.25   | cps   |
| Thallium   | 203-1 | 1642     | 1550     | 1283     | 1492     | 12.48  | cps   |
| Thallium   | 205-1 | 3759     | 3517     | 3559     | 3612     | 3.58   | cps   |
| Thorium    | 232-1 | 417      | 344      | 367      | 376      | 9.84   | cps   |
| Tin        | 118-1 | 708      | 583      | 517      | 603      | 16.14  | cps   |
| Titanium   | 47-1  | 75       | 100      | 100      | 92       | 15.75  | cps   |
| Uranium    | 238-1 | 158      | 158      | 183      | 167      | 8.66   | cps   |
| Vanadium   | 51-1  | 180      | 160      | 170      | 170      | 5.89   | cps   |
| Yttrium    | 89-1  | 11827769 | 11679160 | 11565682 | 11690870 | 1.12   | cps   |
| Zinc       | 66-1  | 2190     | 1927     | 2090     | 2069     | 6.43   | cps   |
| Zirconium  | 90-1  | 1042     | 1058     | 1175     | 1092     | 6.66   | cps   |
| Zirconium  | 91-1  | 242      | 217      | 150      | 203      | 23.37  | cps   |

LB Number : LB115569 Operator : JASWAL  
 Lab Sample ID : CRI Instrumnet Name : P7  
 Client Sample ID : CRI Dilution Factor : 1  
 Date & Time Acquired :: 2021-07-27 12:42:14 DataFile Name : 019LLCC.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Aluminium  | 27-1  | 225028   | 225363   | 223659   | 224683   | 0.40     | cps   |
| Antimony   | 121-1 | 17061    | 16393    | 16735    | 16730    | 2.00     | cps   |
| Arsenic    | 75-1  | 452      | -282     | -208     | -12      | -3243.55 | cps   |
| Barium     | 135-1 | 19973    | 19798    | 20132    | 19967    | 0.84     | cps   |
| Barium     | 137-1 | 34568    | 33992    | 34903    | 34488    | 1.34     | cps   |
| Beryllium  | 9-1   | 1967     | 1911     | 1772     | 1883     | 5.32     | cps   |
| Bismuth    | 209-1 | 8367551  | 8457193  | 8450234  | 8424993  | 0.59     | cps   |
| Boron      | 10-1  | 6135     | 6410     | 6535     | 6360     | 3.22     | cps   |
| Boron      | 11-1  | 29062    | 30657    | 29755    | 29824    | 2.68     | cps   |
| Bromine    | 81-1  | 6935     | 6810     | 6618     | 6788     | 2.35     | cps   |
| Cadmium    | 111-1 | 5995     | 5997     | 5776     | 5923     | 2.15     | cps   |
| Cadmium    | 106-1 | 5335     | 5585     | 5343     | 5421     | 2.62     | cps   |
| Cadmium    | 108-1 | 175      | 208      | 217      | 200      | 11.03    | cps   |
| Calcium    | 43-1  | 10913    | 12039    | 11730    | 11560    | 5.03     | cps   |
| Calcium    | 44-1  | 192088   | 190494   | 189490   | 190691   | 0.69     | cps   |
| Carbon     | 12-1  |          |          |          |          |          | cps   |
| Chlorine   | 35-1  |          |          |          |          |          | cps   |
| Chromium   | 52-1  | 39737    | 39155    | 38089    | 38994    | 2.14     | cps   |
| Cobalt     | 59-1  | 15624    | 16376    | 15033    | 15678    | 4.29     | cps   |
| Copper     | 63-1  | 17614    | 17781    | 17934    | 17776    | 0.90     | cps   |
| Dysprosium | 156-1 | 0        | 8        | 8        | 6        | 86.60    | cps   |
| Erbium     | 164-1 | 67       | 67       | 117      | 83       | 34.64    | cps   |
| Gadolinium | 160-1 | 108      | 67       | 125      | 100      | 30.04    | cps   |
| Holmium    | 165-1 | 11644271 | 11914813 | 11809052 | 11789379 | 1.16     | cps   |
| Indium     | 115-1 | 8352859  | 8388124  | 8411071  | 8384018  | 0.35     | cps   |
| Iron       | 56-1  | 3104359  | 3130475  | 3148031  | 3127622  | 0.70     | cps   |
| Iron       | 57-1  | 52668    | 53059    | 54928    | 53551    | 2.26     | cps   |
| Iron       | 54-1  |          |          |          |          |          | cps   |
| Krypton    | 83-1  | 713      | 703      | 653      | 690      | 4.66     | cps   |
| Lead       | 206-1 | 9398     | 10171    | 9776     | 9782     | 3.95     | cps   |
| Lead       | 207-1 | 8886     | 8247     | 8870     | 8668     | 4.20     | cps   |
| Lead       | 208-1 | 38884    | 39218    | 39162    | 39088    | 0.46     | cps   |
| Lithium    | 6-1   | 2657405  | 2701098  | 2666581  | 2675028  | 0.86     | cps   |
| Magnesium  | 24-1  | 4716397  | 4702182  | 4679250  | 4699277  | 0.40     | cps   |
| Manganese  | 55-1  | 23723    | 24626    | 24014    | 24121    | 1.91     | cps   |
| Molybdenum | 94-1  | 16760    | 16093    | 15751    | 16201    | 3.17     | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:42:14 | DataFile Name :   | 019LLCC.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 95-1  | 19906    | 19622    | 19422    | 19650    | 1.24   | cps   |
| Molybdenum | 96-1  | 22443    | 21967    | 21967    | 22126    | 1.24   | cps   |
| Molybdenum | 97-1  | 12047    | 11872    | 12673    | 12197    | 3.45   | cps   |
| Molybdenum | 98-1  | 31318    | 31702    | 31327    | 31449    | 0.70   | cps   |
| Neodymium  | 150-1 | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Nickel     | 60-1  | 3977     | 3917     | 3854     | 3916     | 1.58   | cps   |
| Phosphorus | 31-1  | 21688    | 21347    | 22400    | 21812    | 2.46   | cps   |
| Potassium  | 39-1  | 8838130  | 8739071  | 8779467  | 8785556  | 0.57   | cps   |
| Rhodium    | 103-1 | 7716069  | 7724441  | 7614766  | 7685092  | 0.79   | cps   |
| Scandium   | 45-1  | 4590798  | 4656859  | 4618246  | 4621967  | 0.72   | cps   |
| Selenium   | 77-1  | 658      | 542      | 592      | 597      | 9.80   | cps   |
| Selenium   | 78-1  |          |          |          |          |        | cps   |
| Selenium   | 82-1  | 721      | 794      | 785      | 767      | 5.18   | cps   |
| Silicon    | 28-1  | 242324   | 244535   | 242222   | 243027   | 0.54   | cps   |
| Silver     | 107-1 | 10229    | 10446    | 10154    | 10276    | 1.48   | cps   |
| Silver     | 109-1 | 9720     | 9670     | 10312    | 9901     | 3.61   | cps   |
| Sodium     | 23-1  | 7201859  | 7184919  | 7154094  | 7180291  | 0.34   | cps   |
| Strontium  | 86-1  | 4134     | 3842     | 3567     | 3848     | 7.37   | cps   |
| Strontium  | 88-1  | 22526    | 21884    | 21650    | 22020    | 2.06   | cps   |
| Sulfur     | 34-1  | 479922   | 479854   | 484378   | 481384   | 0.54   | cps   |
| Terbium    | 159-1 | 12155816 | 12130336 | 12066175 | 12117443 | 0.38   | cps   |
| Thallium   | 203-1 | 11272    | 11480    | 11397    | 11383    | 0.92   | cps   |
| Thallium   | 205-1 | 27120    | 27279    | 26727    | 27042    | 1.05   | cps   |
| Thorium    | 232-1 | 233      | 256      | 250      | 246      | 4.70   | cps   |
| Tin        | 118-1 | 35804    | 35186    | 35412    | 35467    | 0.88   | cps   |
| Titanium   | 47-1  | 4843     | 4993     | 5434     | 5090     | 6.05   | cps   |
| Uranium    | 238-1 | 33903    | 34262    | 33535    | 33900    | 1.07   | cps   |
| Vanadium   | 51-1  | 71484    | 72893    | 72028    | 72135    | 0.98   | cps   |
| Yttrium    | 89-1  | 11772603 | 11855548 | 11819194 | 11815782 | 0.35   | cps   |
| Zinc       | 66-1  | 7128     | 7055     | 7058     | 7081     | 0.59   | cps   |
| Zirconium  | 90-1  | 13507    | 13140    | 13615    | 13421    | 1.86   | cps   |
| Zirconium  | 91-1  | 2817     | 3142     | 3067     | 3009     | 5.66   | cps   |

LB Number : LB115569 Operator : JASWAL  
 Lab Sample ID : CRIRE Instrumnet Name : P7  
 Client Sample ID : CRIRE Dilution Factor : 1  
 Date & Time Acquired :: 2021-07-27 12:44:47 DataFile Name : 020LLCC.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-1  | 217989   | 221166   | 218730   | 219295   | 0.76   | cps   |
| Antimony   | 121-1 | 15667    | 16902    | 16452    | 16340    | 3.82   | cps   |
| Arsenic    | 75-1  | 73       | -141     | 665      | 199      | 209.94 | cps   |
| Barium     | 135-1 | 18471    | 18780    | 19547    | 18933    | 2.93   | cps   |
| Barium     | 137-1 | 33048    | 34443    | 33215    | 33569    | 2.27   | cps   |
| Beryllium  | 9-1   | 1917     | 1750     | 1778     | 1815     | 4.92   | cps   |
| Bismuth    | 209-1 | 8259689  | 8387203  | 8329228  | 8325373  | 0.77   | cps   |
| Boron      | 10-1  | 6093     | 6427     | 6527     | 6349     | 3.58   | cps   |
| Boron      | 11-1  | 28060    | 29479    | 30807    | 29449    | 4.66   | cps   |
| Bromine    | 81-1  | 6618     | 6969     | 6735     | 6774     | 2.63   | cps   |
| Cadmium    | 111-1 | 5706     | 5774     | 6019     | 5833     | 2.83   | cps   |
| Cadmium    | 106-1 | 5351     | 5093     | 5543     | 5329     | 4.24   | cps   |
| Cadmium    | 108-1 | 242      | 183      | 242      | 222      | 15.15  | cps   |
| Calcium    | 43-1  | 10737    | 11647    | 11004    | 11129    | 4.20   | cps   |
| Calcium    | 44-1  | 185997   | 186712   | 185776   | 186161   | 0.26   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chromium   | 52-1  | 38163    | 37969    | 37895    | 38009    | 0.36   | cps   |
| Cobalt     | 59-1  | 15284    | 15614    | 15464    | 15454    | 1.07   | cps   |
| Copper     | 63-1  | 17290    | 17364    | 17597    | 17417    | 0.92   | cps   |
| Dysprosium | 156-1 | 0        | 8        | 0        | 3        | 173.21 | cps   |
| Erbium     | 164-1 | 92       | 50       | 92       | 78       | 30.93  | cps   |
| Gadolinium | 160-1 | 108      | 108      | 83       | 100      | 14.43  | cps   |
| Holmium    | 165-1 | 11772584 | 11777407 | 11741188 | 11763726 | 0.17   | cps   |
| Indium     | 115-1 | 8264418  | 8375216  | 8303414  | 8314349  | 0.68   | cps   |
| Iron       | 56-1  | 3125178  | 3128214  | 3131358  | 3128250  | 0.10   | cps   |
| Iron       | 57-1  | 53029    | 53491    | 54989    | 53836    | 1.90   | cps   |
| Iron       | 54-1  |          |          |          |          |        | cps   |
| Krypton    | 83-1  | 793      | 787      | 683      | 754      | 8.17   | cps   |
| Lead       | 206-1 | 9292     | 9087     | 8981     | 9120     | 1.74   | cps   |
| Lead       | 207-1 | 8325     | 8281     | 8408     | 8338     | 0.78   | cps   |
| Lead       | 208-1 | 37805    | 37560    | 38005    | 37790    | 0.59   | cps   |
| Lithium    | 6-1   | 2667775  | 2677701  | 2693318  | 2679598  | 0.48   | cps   |
| Magnesium  | 24-1  | 4636092  | 4578436  | 4620666  | 4611731  | 0.65   | cps   |
| Manganese  | 55-1  | 23192    | 23493    | 23743    | 23476    | 1.18   | cps   |
| Molybdenum | 94-1  | 15375    | 15809    | 15384    | 15523    | 1.60   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | CRIRE               | Instrumnet Name : | P7        |
| Client Sample ID :      | CRIRE               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:44:47 | DataFile Name :   | 020LLCC.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 95-1  | 18921    | 19581    | 19714    | 19405    | 2.19   | cps   |
| Molybdenum | 96-1  | 21492    | 21308    | 21341    | 21380    | 0.46   | cps   |
| Molybdenum | 97-1  | 11889    | 12147    | 11447    | 11827    | 3.00   | cps   |
| Molybdenum | 98-1  | 30984    | 31201    | 30692    | 30959    | 0.83   | cps   |
| Neodymium  | 150-1 | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Nickel     | 60-1  | 3907     | 3867     | 3847     | 3874     | 0.79   | cps   |
| Phosphorus | 31-1  | 22680    | 21738    | 22199    | 22206    | 2.12   | cps   |
| Potassium  | 39-1  | 8689041  | 8664533  | 8639552  | 8664376  | 0.29   | cps   |
| Rhodium    | 103-1 | 7627778  | 7658011  | 7697311  | 7661033  | 0.46   | cps   |
| Scandium   | 45-1  | 4606022  | 4629201  | 4612294  | 4615839  | 0.26   | cps   |
| Selenium   | 77-1  | 517      | 542      | 808      | 622      | 25.98  | cps   |
| Selenium   | 78-1  |          |          |          |          |        | cps   |
| Selenium   | 82-1  | 512      | 594      | 724      | 610      | 17.57  | cps   |
| Silicon    | 28-1  | 241028   | 242087   | 243060   | 242058   | 0.42   | cps   |
| Silver     | 107-1 | 9779     | 9912     | 10621    | 10104    | 4.48   | cps   |
| Silver     | 109-1 | 9704     | 9637     | 9620     | 9653     | 0.46   | cps   |
| Sodium     | 23-1  | 6968268  | 7019809  | 7031750  | 7006609  | 0.48   | cps   |
| Strontium  | 86-1  | 3667     | 3701     | 3551     | 3639     | 2.16   | cps   |
| Strontium  | 88-1  | 22385    | 21233    | 21158    | 21592    | 3.19   | cps   |
| Sulfur     | 34-1  | 490934   | 487984   | 493940   | 490953   | 0.61   | cps   |
| Terbium    | 159-1 | 12004267 | 11995480 | 12048168 | 12015972 | 0.23   | cps   |
| Thallium   | 203-1 | 10696    | 11080    | 10629    | 10802    | 2.25   | cps   |
| Thallium   | 205-1 | 26326    | 26660    | 25892    | 26293    | 1.47   | cps   |
| Thorium    | 232-1 | 300      | 206      | 211      | 239      | 22.18  | cps   |
| Tin        | 118-1 | 33741    | 35478    | 34083    | 34434    | 2.67   | cps   |
| Titanium   | 47-1  | 4959     | 5318     | 5109     | 5129     | 3.51   | cps   |
| Uranium    | 238-1 | 34037    | 33602    | 34195    | 33945    | 0.90   | cps   |
| Vanadium   | 51-1  | 70198    | 70066    | 70006    | 70090    | 0.14   | cps   |
| Yttrium    | 89-1  | 11664471 | 11726176 | 11776711 | 11722453 | 0.48   | cps   |
| Zinc       | 66-1  | 8766     | 8959     | 9123     | 8949     | 2.00   | cps   |
| Zirconium  | 90-1  | 13023    | 13131    | 12656    | 12937    | 1.93   | cps   |
| Zirconium  | 91-1  | 2792     | 3025     | 2567     | 2795     | 8.20   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | M3035-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | PT-TM-WS            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:51:21 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-1  | 8347820  | 8412939  | 8322165  | 8360975  | 0.56   | cps   |
| Antimony   | 121-1 | 219590   | 217748   | 220634   | 219324   | 0.67   | cps   |
| Arsenic    | 75-1  | 64188    | 65697    | 64667    | 64851    | 1.19   | cps   |
| Barium     | 135-1 | 1845341  | 1846024  | 1846211  | 1845859  | 0.02   | cps   |
| Barium     | 137-1 | 3213032  | 3200098  | 3230021  | 3214384  | 0.47   | cps   |
| Beryllium  | 9-1   | 15369    | 14713    | 14885    | 14989    | 2.27   | cps   |
| Bismuth    | 209-1 | 8391421  | 8432245  | 8570929  | 8464865  | 1.11   | cps   |
| Boron      | 10-1  | 222859   | 236166   | 240947   | 233324   | 4.02   | cps   |
| Boron      | 11-1  | 1052186  | 1126121  | 1155790  | 1111366  | 4.80   | cps   |
| Bromine    | 81-1  | 6743     | 6977     | 6568     | 6763     | 3.03   | cps   |
| Cadmium    | 111-1 | 28910    | 27997    | 28663    | 28523    | 1.66   | cps   |
| Cadmium    | 106-1 | 7977     | 6810     | 7386     | 7391     | 7.90   | cps   |
| Cadmium    | 108-1 | 1875     | 1738     | 1613     | 1742     | 7.54   | cps   |
| Calcium    | 43-1  | 442      | 200      | 350      | 331      | 36.91  | cps   |
| Calcium    | 44-1  | 9770     | 9403     | 9620     | 9598     | 1.92   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chromium   | 52-1  | 2095985  | 2085357  | 2084260  | 2088534  | 0.31   | cps   |
| Cobalt     | 59-1  | 1041     | 1141     | 1001     | 1061     | 6.80   | cps   |
| Copper     | 63-1  | 7205824  | 7233607  | 7142508  | 7193980  | 0.65   | cps   |
| Dysprosium | 156-1 | 33       | 42       | 33       | 36       | 13.33  | cps   |
| Erbium     | 164-1 | 83       | 125      | 117      | 108      | 20.35  | cps   |
| Gadolinium | 160-1 | 67       | 117      | 58       | 81       | 39.16  | cps   |
| Holmium    | 165-1 | 11787244 | 11550271 | 11892490 | 11743335 | 1.49   | cps   |
| Indium     | 115-1 | 8361367  | 8277201  | 8326408  | 8321658  | 0.51   | cps   |
| Iron       | 56-1  | 15708616 | 15708600 | 15570026 | 15662414 | 0.51   | cps   |
| Iron       | 57-1  | 352955   | 352479   | 351682   | 352372   | 0.18   | cps   |
| Iron       | 54-1  |          |          |          |          |        | cps   |
| Krypton    | 83-1  | 710      | 777      | 720      | 736      | 4.89   | cps   |
| Lead       | 206-1 | 543301   | 539570   | 538648   | 540506   | 0.46   | cps   |
| Lead       | 207-1 | 481451   | 480106   | 478172   | 479910   | 0.34   | cps   |
| Lead       | 208-1 | 2195631  | 2191689  | 2175666  | 2187662  | 0.48   | cps   |
| Lithium    | 6-1   | 2726859  | 2691310  | 2706067  | 2708078  | 0.66   | cps   |
| Magnesium  | 24-1  | 20505    | 20184    | 19793    | 20161    | 1.77   | cps   |
| Manganese  | 55-1  | 13898330 | 14078461 | 13817877 | 13931556 | 0.96   | cps   |
| Molybdenum | 94-1  | 56286    | 56655    | 55366    | 56102    | 1.18   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | M3035-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | PT-TM-WS            | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:51:21 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 95-1  | 97950    | 98186    | 98638    | 98258    | 0.36   | cps   |
| Molybdenum | 96-1  | 106982   | 105479   | 106023   | 106161   | 0.72   | cps   |
| Molybdenum | 97-1  | 61307    | 61758    | 62253    | 61773    | 0.77   | cps   |
| Molybdenum | 98-1  | 160004   | 160030   | 159702   | 159912   | 0.11   | cps   |
| Neodymium  | 150-1 | 127      | 140      | 133      | 133      | 5.00   | cps   |
| Nickel     | 60-1  | 796524   | 792923   | 790993   | 793480   | 0.35   | cps   |
| Phosphorus | 31-1  | 21808    | 21888    | 21868    | 21855    | 0.19   | cps   |
| Potassium  | 39-1  | 3273799  | 3270114  | 3258280  | 3267397  | 0.25   | cps   |
| Rhodium    | 103-1 | 7646725  | 7540023  | 7641371  | 7609373  | 0.79   | cps   |
| Scandium   | 45-1  | 4637124  | 4584752  | 4626072  | 4615982  | 0.60   | cps   |
| Selenium   | 77-1  | 1775     | 2042     | 1975     | 1931     | 7.19   | cps   |
| Selenium   | 78-1  |          |          |          |          |        | cps   |
| Selenium   | 82-1  | 2540     | 2455     | 2594     | 2529     | 2.78   | cps   |
| Silicon    | 28-1  | 521084   | 516786   | 512357   | 516742   | 0.84   | cps   |
| Silver     | 107-1 | 1619674  | 1630504  | 1609185  | 1619788  | 0.66   | cps   |
| Silver     | 109-1 | 1562622  | 1563427  | 1557523  | 1561191  | 0.21   | cps   |
| Sodium     | 23-1  | 656996   | 654385   | 651299   | 654227   | 0.44   | cps   |
| Strontium  | 86-1  | 1275     | 1258     | 1175     | 1236     | 4.33   | cps   |
| Strontium  | 88-1  | 758      | 783      | 842      | 794      | 5.38   | cps   |
| Sulfur     | 34-1  | 484315   | 472220   | 468228   | 474921   | 1.76   | cps   |
| Terbium    | 159-1 | 12208392 | 11806095 | 12036789 | 12017092 | 1.68   | cps   |
| Thallium   | 203-1 | 51441    | 51742    | 51533    | 51572    | 0.30   | cps   |
| Thallium   | 205-1 | 124199   | 126336   | 125991   | 125509   | 0.91   | cps   |
| Thorium    | 232-1 | 150      | 128      | 133      | 137      | 8.44   | cps   |
| Tin        | 118-1 | 642      | 692      | 717      | 683      | 5.59   | cps   |
| Titanium   | 47-1  | 142      | 100      | 58       | 100      | 41.67  | cps   |
| Uranium    | 238-1 | 42       | 42       | 67       | 50       | 28.87  | cps   |
| Vanadium   | 51-1  | 5538084  | 5581674  | 5437189  | 5518983  | 1.34   | cps   |
| Yttrium    | 89-1  | 11729419 | 11762431 | 11676699 | 11722850 | 0.37   | cps   |
| Zinc       | 66-1  | 2935854  | 2941102  | 2934739  | 2937232  | 0.12   | cps   |
| Zirconium  | 90-1  | 1283     | 1275     | 1358     | 1306     | 3.52   | cps   |
| Zirconium  | 91-1  | 333      | 442      | 358      | 378      | 15.02  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | M3035-04RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | PT-TM-WSRE          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:53:54 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-1  | 8360102  | 8343431  | 8236395  | 8313309  | 0.81   | cps   |
| Antimony   | 121-1 | 221731   | 221089   | 219997   | 220939   | 0.40   | cps   |
| Arsenic    | 75-1  | 65144    | 65364    | 62786    | 64431    | 2.22   | cps   |
| Barium     | 135-1 | 1841850  | 1862562  | 1838695  | 1847702  | 0.70   | cps   |
| Barium     | 137-1 | 3187736  | 3243822  | 3227723  | 3219760  | 0.90   | cps   |
| Beryllium  | 9-1   | 15130    | 15241    | 15019    | 15130    | 0.74   | cps   |
| Bismuth    | 209-1 | 8187417  | 8443218  | 8422402  | 8351012  | 1.70   | cps   |
| Boron      | 10-1  | 229741   | 244707   | 249728   | 241392   | 4.31   | cps   |
| Boron      | 11-1  | 1091421  | 1145808  | 1170522  | 1135917  | 3.56   | cps   |
| Bromine    | 81-1  | 6435     | 6860     | 7010     | 6768     | 4.41   | cps   |
| Cadmium    | 111-1 | 28560    | 28933    | 29148    | 28880    | 1.03   | cps   |
| Cadmium    | 106-1 | 7035     | 7402     | 7877     | 7438     | 5.68   | cps   |
| Cadmium    | 108-1 | 1767     | 1821     | 1763     | 1783     | 1.82   | cps   |
| Calcium    | 43-1  | 183      | 258      | 333      | 258      | 29.03  | cps   |
| Calcium    | 44-1  | 9362     | 9111     | 9320     | 9264     | 1.45   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chromium   | 52-1  | 2085459  | 2098036  | 2073525  | 2085673  | 0.59   | cps   |
| Cobalt     | 59-1  | 1161     | 1131     | 1061     | 1118     | 4.60   | cps   |
| Copper     | 63-1  | 7168649  | 7206944  | 7136991  | 7170861  | 0.49   | cps   |
| Dysprosium | 156-1 | 33       | 42       | 42       | 39       | 12.38  | cps   |
| Erbium     | 164-1 | 58       | 117      | 58       | 78       | 43.30  | cps   |
| Gadolinium | 160-1 | 92       | 42       | 75       | 69       | 36.66  | cps   |
| Holmium    | 165-1 | 11552464 | 11778684 | 11916739 | 11749296 | 1.57   | cps   |
| Indium     | 115-1 | 8207826  | 8287338  | 8264226  | 8253130  | 0.50   | cps   |
| Iron       | 56-1  | 15585760 | 15656750 | 15598576 | 15613695 | 0.24   | cps   |
| Iron       | 57-1  | 351221   | 350728   | 350379   | 350776   | 0.12   | cps   |
| Iron       | 54-1  |          |          |          |          |        | cps   |
| Krypton    | 83-1  | 780      | 707      | 760      | 749      | 5.06   | cps   |
| Lead       | 206-1 | 548712   | 548592   | 546650   | 547985   | 0.21   | cps   |
| Lead       | 207-1 | 485957   | 484843   | 483399   | 484733   | 0.26   | cps   |
| Lead       | 208-1 | 2201646  | 2205449  | 2198434  | 2201843  | 0.16   | cps   |
| Lithium    | 6-1   | 2668656  | 2669251  | 2643982  | 2660630  | 0.54   | cps   |
| Magnesium  | 24-1  | 12047    | 11516    | 11276    | 11613    | 3.40   | cps   |
| Manganese  | 55-1  | 14014121 | 13876269 | 13976040 | 13955477 | 0.51   | cps   |
| Molybdenum | 94-1  | 56520    | 56052    | 57658    | 56743    | 1.46   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | M3035-04RE          | Instrumnet Name : | P7        |
| Client Sample ID :      | PT-TM-WSRE          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:53:54 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 95-1  | 97825    | 98304    | 99008    | 98379    | 0.60   | cps   |
| Molybdenum | 96-1  | 105982   | 105219   | 107016   | 106072   | 0.85   | cps   |
| Molybdenum | 97-1  | 61851    | 61742    | 61591    | 61728    | 0.21   | cps   |
| Molybdenum | 98-1  | 159894   | 160013   | 158613   | 159507   | 0.49   | cps   |
| Neodymium  | 150-1 | 167      | 133      | 133      | 144      | 13.32  | cps   |
| Nickel     | 60-1  | 788498   | 796617   | 781159   | 788758   | 0.98   | cps   |
| Phosphorus | 31-1  | 22420    | 22119    | 20946    | 21828    | 3.57   | cps   |
| Potassium  | 39-1  | 3227252  | 3201510  | 3237746  | 3222169  | 0.58   | cps   |
| Rhodium    | 103-1 | 7492583  | 7667497  | 7545703  | 7568594  | 1.18   | cps   |
| Scandium   | 45-1  | 4485027  | 4595672  | 4530106  | 4536935  | 1.23   | cps   |
| Selenium   | 77-1  | 1842     | 1783     | 1809     | 1811     | 1.62   | cps   |
| Selenium   | 78-1  |          |          |          |          |        | cps   |
| Selenium   | 82-1  | 2512     | 2506     | 2519     | 2512     | 0.27   | cps   |
| Silicon    | 28-1  | 513312   | 512468   | 514888   | 513556   | 0.24   | cps   |
| Silver     | 107-1 | 1625710  | 1636120  | 1632274  | 1631368  | 0.32   | cps   |
| Silver     | 109-1 | 1569117  | 1584227  | 1553840  | 1569061  | 0.97   | cps   |
| Sodium     | 23-1  | 628823   | 625029   | 626765   | 626872   | 0.30   | cps   |
| Strontium  | 86-1  | 1125     | 1217     | 1100     | 1147     | 5.35   | cps   |
| Strontium  | 88-1  | 725      | 600      | 608      | 644      | 10.85  | cps   |
| Sulfur     | 34-1  | 452478   | 447408   | 449474   | 449787   | 0.57   | cps   |
| Terbium    | 159-1 | 11726555 | 12121586 | 11798378 | 11882173 | 1.77   | cps   |
| Thallium   | 203-1 | 53382    | 52646    | 53500    | 53176    | 0.87   | cps   |
| Thallium   | 205-1 | 127194   | 126537   | 126118   | 126617   | 0.43   | cps   |
| Thorium    | 232-1 | 106      | 139      | 144      | 130      | 16.22  | cps   |
| Tin        | 118-1 | 608      | 859      | 600      | 689      | 21.32  | cps   |
| Titanium   | 47-1  | 108      | 125      | 92       | 108      | 15.38  | cps   |
| Uranium    | 238-1 | 25       | 33       | 50       | 36       | 35.25  | cps   |
| Vanadium   | 51-1  | 5517472  | 5511192  | 5487835  | 5505499  | 0.28   | cps   |
| Yttrium    | 89-1  | 11358467 | 11582831 | 11638601 | 11526633 | 1.29   | cps   |
| Zinc       | 66-1  | 2934351  | 2939439  | 2927728  | 2933839  | 0.20   | cps   |
| Zirconium  | 90-1  | 1458     | 1292     | 1192     | 1314     | 10.25  | cps   |
| Zirconium  | 91-1  | 350      | 308      | 300      | 319      | 8.39   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | PB137921BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB137921BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:58:00 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-1  | 5407     | 5246     | 5176     | 5276     | 2.24   | cps   |
| Antimony   | 121-1 | 267      | 300      | 183      | 250      | 24.04  | cps   |
| Arsenic    | 75-1  | -1663    | -1642    | -1434    | -1580    | -8.00  | cps   |
| Barium     | 135-1 | 25       | 33       | 58       | 39       | 44.62  | cps   |
| Barium     | 137-1 | 67       | 58       | 58       | 61       | 7.87   | cps   |
| Beryllium  | 9-1   | 67       | 100      | 89       | 85       | 19.92  | cps   |
| Bismuth    | 209-1 | 8300755  | 8447148  | 8398083  | 8381995  | 0.89   | cps   |
| Boron      | 10-1  | 8086     | 8386     | 7777     | 8083     | 3.77   | cps   |
| Boron      | 11-1  | 38591    | 37564    | 36135    | 37430    | 3.30   | cps   |
| Bromine    | 81-1  | 6877     | 6652     | 6635     | 6721     | 2.01   | cps   |
| Cadmium    | 111-1 | 3286     | 3545     | 3432     | 3421     | 3.79   | cps   |
| Cadmium    | 106-1 | 4726     | 5101     | 4901     | 4909     | 3.82   | cps   |
| Cadmium    | 108-1 | 38       | 67       | 17       | 40       | 62.35  | cps   |
| Calcium    | 43-1  | 125      | 150      | 108      | 128      | 16.41  | cps   |
| Calcium    | 44-1  | 6652     | 7177     | 6635     | 6821     | 4.52   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chromium   | 52-1  | 12365    | 12542    | 12669    | 12525    | 1.22   | cps   |
| Cobalt     | 59-1  | 491      | 460      | 591      | 514      | 13.26  | cps   |
| Copper     | 63-1  | 2057     | 2034     | 1957     | 2016     | 2.60   | cps   |
| Dysprosium | 156-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Erbium     | 164-1 | 67       | 75       | 117      | 86       | 31.11  | cps   |
| Gadolinium | 160-1 | 58       | 83       | 75       | 72       | 17.63  | cps   |
| Holmium    | 165-1 | 11724489 | 11656014 | 11688269 | 11689590 | 0.29   | cps   |
| Indium     | 115-1 | 8270689  | 8334235  | 8309776  | 8304900  | 0.39   | cps   |
| Iron       | 56-1  | 2252534  | 2270085  | 2264023  | 2262214  | 0.39   | cps   |
| Iron       | 57-1  | 33803    | 33923    | 31656    | 33128    | 3.85   | cps   |
| Iron       | 54-1  |          |          |          |          |        | cps   |
| Krypton    | 83-1  | 607      | 693      | 783      | 694      | 12.72  | cps   |
| Lead       | 206-1 | 1295     | 1206     | 1267     | 1256     | 3.62   | cps   |
| Lead       | 207-1 | 1228     | 1183     | 1083     | 1165     | 6.35   | cps   |
| Lead       | 208-1 | 5367     | 5267     | 5123     | 5252     | 2.34   | cps   |
| Lithium    | 6-1   | 2661411  | 2683078  | 2694229  | 2679573  | 0.62   | cps   |
| Magnesium  | 24-1  | 10665    | 11015    | 10785    | 10822    | 1.65   | cps   |
| Manganese  | 55-1  | 4716     | 4335     | 4746     | 4599     | 4.98   | cps   |
| Molybdenum | 94-1  | 233      | 342      | 250      | 275      | 21.21  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | PB137921BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB137921BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 12:58:00 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 95-1  | 58       | 75       | 75       | 69       | 13.86  | cps   |
| Molybdenum | 96-1  | 133      | 167      | 183      | 161      | 15.80  | cps   |
| Molybdenum | 97-1  | 42       | 33       | 50       | 42       | 20.00  | cps   |
| Molybdenum | 98-1  | 150      | 100      | 117      | 122      | 20.83  | cps   |
| Neodymium  | 150-1 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Nickel     | 60-1  | 490      | 527      | 510      | 509      | 3.61   | cps   |
| Phosphorus | 31-1  | 21126    | 21457    | 21868    | 21484    | 1.73   | cps   |
| Potassium  | 39-1  | 3187016  | 3202498  | 3190630  | 3193381  | 0.25   | cps   |
| Rhodium    | 103-1 | 7616558  | 7585654  | 7660439  | 7620884  | 0.49   | cps   |
| Scandium   | 45-1  | 4547883  | 4604387  | 4594295  | 4582188  | 0.66   | cps   |
| Selenium   | 77-1  | 33       | 33       | 83       | 50       | 57.75  | cps   |
| Selenium   | 78-1  |          |          |          |          |        | cps   |
| Selenium   | 82-1  | 109      | 18       | -86      | 14       | 708.68 | cps   |
| Silicon    | 28-1  | 193425   | 188412   | 189427   | 190421   | 1.39   | cps   |
| Silver     | 107-1 | 200      | 158      | 300      | 219      | 33.18  | cps   |
| Silver     | 109-1 | 192      | 133      | 142      | 156      | 20.28  | cps   |
| Sodium     | 23-1  | 314557   | 313118   | 306100   | 311259   | 1.45   | cps   |
| Strontium  | 86-1  | 1050     | 1150     | 1350     | 1183     | 12.91  | cps   |
| Strontium  | 88-1  | 242      | 233      | 192      | 222      | 12.06  | cps   |
| Sulfur     | 34-1  | 450390   | 454469   | 449366   | 451408   | 0.60   | cps   |
| Terbium    | 159-1 | 12036376 | 12018650 | 11847198 | 11967408 | 0.87   | cps   |
| Thallium   | 203-1 | 733      | 767      | 825      | 775      | 5.99   | cps   |
| Thallium   | 205-1 | 1950     | 1734     | 1792     | 1825     | 6.14   | cps   |
| Thorium    | 232-1 | 156      | 117      | 117      | 130      | 17.32  | cps   |
| Tin        | 118-1 | 458      | 642      | 650      | 583      | 18.57  | cps   |
| Titanium   | 47-1  | 67       | 100      | 75       | 81       | 21.53  | cps   |
| Uranium    | 238-1 | 17       | 25       | 17       | 19       | 24.73  | cps   |
| Vanadium   | 51-1  | 160      | 150      | 100      | 137      | 23.52  | cps   |
| Yttrium    | 89-1  | 11606616 | 11564312 | 11580076 | 11583668 | 0.18   | cps   |
| Zinc       | 66-1  | 2033     | 2130     | 1903     | 2022     | 5.62   | cps   |
| Zirconium  | 90-1  | 758      | 683      | 708      | 717      | 5.33   | cps   |
| Zirconium  | 91-1  | 150      | 117      | 150      | 139      | 13.85  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | PB137921BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB137921BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 13:00:34 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-1  | 94064123  | 94407777  | 92905808  | 93792569  | 0.84   | cps   |
| Antimony   | 121-1 | 3741736   | 3799609   | 3756536   | 3765961   | 0.80   | cps   |
| Arsenic    | 75-1  | 735591    | 730540    | 724323    | 730151    | 0.77   | cps   |
| Barium     | 135-1 | 4431102   | 4472343   | 4479014   | 4460820   | 0.58   | cps   |
| Barium     | 137-1 | 7854254   | 7847606   | 7833134   | 7844998   | 0.14   | cps   |
| Beryllium  | 9-1   | 784063    | 777197    | 771305    | 777521    | 0.82   | cps   |
| Bismuth    | 209-1 | 8094787   | 8163719   | 8068621   | 8109043   | 0.61   | cps   |
| Boron      | 10-1  | 96574     | 99198     | 101371    | 99048     | 2.42   | cps   |
| Boron      | 11-1  | 459337    | 470404    | 474701    | 468148    | 1.69   | cps   |
| Bromine    | 81-1  | 6126      | 6718      | 5960      | 6268      | 6.36   | cps   |
| Cadmium    | 111-1 | 1019705   | 1018470   | 1018249   | 1018808   | 0.08   | cps   |
| Cadmium    | 106-1 | 117062    | 118080    | 118398    | 117847    | 0.59   | cps   |
| Cadmium    | 108-1 | 78084     | 78251     | 77522     | 77952     | 0.49   | cps   |
| Calcium    | 43-1  | 1035750   | 1032999   | 1035811   | 1034853   | 0.16   | cps   |
| Calcium    | 44-1  | 15629634  | 15425481  | 15492663  | 15515926  | 0.67   | cps   |
| Carbon     | 12-1  |           |           |           |           |        | cps   |
| Chlorine   | 35-1  |           |           |           |           |        | cps   |
| Chromium   | 52-1  | 5714504   | 5672897   | 5658311   | 5681904   | 0.51   | cps   |
| Cobalt     | 59-1  | 6598230   | 6549446   | 6445049   | 6530908   | 1.20   | cps   |
| Copper     | 63-1  | 33888512  | 33891809  | 33468139  | 33749486  | 0.72   | cps   |
| Dysprosium | 156-1 | 375       | 333       | 333       | 347       | 6.93   | cps   |
| Erbium     | 164-1 | 150       | 125       | 125       | 133       | 10.82  | cps   |
| Gadolinium | 160-1 | 342       | 292       | 300       | 311       | 8.61   | cps   |
| Holmium    | 165-1 | 11567714  | 11510601  | 11594154  | 11557490  | 0.37   | cps   |
| Indium     | 115-1 | 7972866   | 7823436   | 7867564   | 7887955   | 0.97   | cps   |
| Iron       | 56-1  | 346185273 | 342670158 | 339988817 | 342948083 | 0.91   | cps   |
| Iron       | 57-1  | 8314850   | 8333371   | 8211994   | 8286738   | 0.79   | cps   |
| Iron       | 54-1  |           |           |           |           |        | cps   |
| Krypton    | 83-1  | 623       | 623       | 677       | 641       | 4.80   | cps   |
| Lead       | 206-1 | 19152091  | 19263224  | 19279387  | 19231567  | 0.36   | cps   |
| Lead       | 207-1 | 16983214  | 17287307  | 17265450  | 17178657  | 0.99   | cps   |
| Lead       | 208-1 | 77427500  | 78519086  | 77913224  | 77953270  | 0.70   | cps   |
| Lithium    | 6-1   | 2550493   | 2525289   | 2506286   | 2527356   | 0.88   | cps   |
| Magnesium  | 24-1  | 436960125 | 435514569 | 435718783 | 436064492 | 0.18   | cps   |
| Manganese  | 55-1  | 83534909  | 82810573  | 82491181  | 82945554  | 0.64   | cps   |
| Molybdenum | 94-1  | 7211318   | 7121060   | 7118815   | 7150397   | 0.74   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | PB137921BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB137921BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 13:00:34 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 95-1  | 8822825   | 8830767   | 8845036   | 8832876   | 0.13   | cps   |
| Molybdenum | 96-1  | 9854219   | 9796645   | 10021121  | 9890662   | 1.18   | cps   |
| Molybdenum | 97-1  | 5648645   | 5497692   | 5535559   | 5560632   | 1.41   | cps   |
| Molybdenum | 98-1  | 14428685  | 14372734  | 14254195  | 14351871  | 0.62   | cps   |
| Neodymium  | 150-1 | 333       | 373       | 373       | 360       | 6.42   | cps   |
| Nickel     | 60-1  | 1388912   | 1377151   | 1360668   | 1375577   | 1.03   | cps   |
| Phosphorus | 31-1  | 3755252   | 3717126   | 3707732   | 3726703   | 0.68   | cps   |
| Potassium  | 39-1  | 255777008 | 251972854 | 250668269 | 252806044 | 1.05   | cps   |
| Rhodium    | 103-1 | 7212653   | 7037663   | 7116168   | 7122161   | 1.23   | cps   |
| Scandium   | 45-1  | 4402751   | 4277837   | 4268779   | 4316456   | 1.73   | cps   |
| Selenium   | 77-1  | 46575     | 45698     | 46743     | 46339     | 1.21   | cps   |
| Selenium   | 78-1  |           |           |           |           |        | cps   |
| Selenium   | 82-1  | 60834     | 61031     | 60217     | 60694     | 0.70   | cps   |
| Silicon    | 28-1  | 2597970   | 2687994   | 2735739   | 2673901   | 2.62   | cps   |
| Silver     | 107-1 | 4675362   | 4641356   | 4590862   | 4635860   | 0.92   | cps   |
| Silver     | 109-1 | 4458425   | 4506858   | 4449270   | 4471517   | 0.69   | cps   |
| Sodium     | 23-1  | 607945104 | 601583743 | 597998117 | 602508988 | 0.84   | cps   |
| Strontium  | 86-1  | 10960730  | 10879299  | 10913663  | 10917898  | 0.37   | cps   |
| Strontium  | 88-1  | 96752954  | 95472148  | 95763760  | 95996288  | 0.70   | cps   |
| Sulfur     | 34-1  | 804931    | 792395    | 781641    | 792989    | 1.47   | cps   |
| Terbium    | 159-1 | 11736864  | 11718256  | 11613217  | 11689446  | 0.57   | cps   |
| Thallium   | 203-1 | 4501158   | 4544101   | 4505518   | 4516926   | 0.52   | cps   |
| Thallium   | 205-1 | 11004315  | 11003523  | 10982614  | 10996818  | 0.11   | cps   |
| Thorium    | 232-1 | 17001466  | 17232347  | 17109776  | 17114530  | 0.67   | cps   |
| Tin        | 118-1 | 3139198   | 3138354   | 3122628   | 3133393   | 0.30   | cps   |
| Titanium   | 47-1  | 2250275   | 2230528   | 2228742   | 2236515   | 0.53   | cps   |
| Uranium    | 238-1 | 16359839  | 16709392  | 16755981  | 16608404  | 1.30   | cps   |
| Vanadium   | 51-1  | 6315451   | 6280601   | 6281428   | 6292493   | 0.32   | cps   |
| Yttrium    | 89-1  | 11468114  | 11154138  | 11179161  | 11267138  | 1.55   | cps   |
| Zinc       | 66-1  | 9586224   | 9511558   | 9411121   | 9502968   | 0.92   | cps   |
| Zirconium  | 90-1  | 5754530   | 5800041   | 5779022   | 5777864   | 0.39   | cps   |
| Zirconium  | 91-1  | 1289373   | 1283613   | 1279365   | 1284117   | 0.39   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB115569            | Operator :        | JASWAL   |
| Lab Sample ID :         | CCV41               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV41               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2021-07-27 13:03:07 | DataFile Name :   | 025CCV.d |

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Aluminium  | 27-1  | 462397691  | 469681935  | 467735299  | 466604975  | 0.81   | cps   |
| Antimony   | 121-1 | 3564714    | 3606341    | 3602894    | 3591316    | 0.64   | cps   |
| Arsenic    | 75-1  | 681734     | 687736     | 682860     | 684110     | 0.47   | cps   |
| Barium     | 135-1 | 4305380    | 4300498    | 4343821    | 4316566    | 0.55   | cps   |
| Barium     | 137-1 | 7717588    | 7736405    | 7891220    | 7781738    | 1.22   | cps   |
| Beryllium  | 9-1   | 743920     | 743030     | 739208     | 742053     | 0.34   | cps   |
| Bismuth    | 209-1 | 7693662    | 7909378    | 7869930    | 7824323    | 1.47   | cps   |
| Boron      | 10-1  | 94644      | 97462      | 103057     | 98388      | 4.35   | cps   |
| Boron      | 11-1  | 446343     | 470483     | 480314     | 465714     | 3.75   | cps   |
| Bromine    | 81-1  | 5951       | 6218       | 5918       | 6029       | 2.73   | cps   |
| Cadmium    | 111-1 | 943596     | 951029     | 960366     | 951663     | 0.88   | cps   |
| Cadmium    | 106-1 | 110460     | 108898     | 112568     | 110642     | 1.66   | cps   |
| Cadmium    | 108-1 | 73865      | 72726      | 73112      | 73234      | 0.79   | cps   |
| Calcium    | 43-1  | 4798629    | 4820626    | 4944395    | 4854550    | 1.62   | cps   |
| Calcium    | 44-1  | 76850502   | 76321318   | 77804552   | 76992124   | 0.98   | cps   |
| Carbon     | 12-1  |            |            |            |            |        | cps   |
| Chlorine   | 35-1  |            |            |            |            |        | cps   |
| Chromium   | 52-1  | 5546987    | 5588301    | 5651536    | 5595608    | 0.94   | cps   |
| Cobalt     | 59-1  | 6313779    | 6386744    | 6369724    | 6356749    | 0.60   | cps   |
| Copper     | 63-1  | 31592379   | 32147330   | 32129139   | 31956283   | 0.99   | cps   |
| Dysprosium | 156-1 | 1058       | 1250       | 1158       | 1156       | 8.30   | cps   |
| Erbium     | 164-1 | 275        | 225        | 250        | 250        | 10.00  | cps   |
| Gadolinium | 160-1 | 1292       | 1117       | 1350       | 1253       | 9.69   | cps   |
| Holmium    | 165-1 | 11497924   | 11653993   | 11667356   | 11606425   | 0.81   | cps   |
| Indium     | 115-1 | 7673279    | 7812183    | 7721593    | 7735685    | 0.91   | cps   |
| Iron       | 56-1  | 1629612835 | 1656279701 | 1657008991 | 1647633842 | 0.95   | cps   |
| Iron       | 57-1  | 39532678   | 40332655   | 40363875   | 40076402   | 1.18   | cps   |
| Iron       | 54-1  |            |            |            |            |        | cps   |
| Krypton    | 83-1  | 683        | 733        | 733        | 717        | 4.03   | cps   |
| Lead       | 206-1 | 18398272   | 18649679   | 19478529   | 18842160   | 3.00   | cps   |
| Lead       | 207-1 | 16431781   | 16696124   | 17129558   | 16752488   | 2.10   | cps   |
| Lead       | 208-1 | 74797526   | 75633300   | 77817085   | 76082637   | 2.05   | cps   |
| Lithium    | 6-1   | 2425077    | 2417363    | 2382913    | 2408451    | 0.93   | cps   |
| Magnesium  | 24-1  | 2111612658 | 2149884689 | 2125227473 | 2128908273 | 0.91   | cps   |
| Manganese  | 55-1  | 79975971   | 81397417   | 81807677   | 81060355   | 1.19   | cps   |
| Molybdenum | 94-1  | 7104592    | 7209177    | 7265282    | 7193017    | 1.13   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB115569            | Operator :        | JASWAL   |
| Lab Sample ID :         | CCV41               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV41               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2021-07-27 13:03:07 | DataFile Name :   | 025CCV.d |

| Parameter  | Mass  | CPS1       | CPS2       | CPS3       | CPSMean    | CPSRSD | Units |
|------------|-------|------------|------------|------------|------------|--------|-------|
| Molybdenum | 95-1  | 8830767    | 8926377    | 8936059    | 8897734    | 0.65   | cps   |
| Molybdenum | 96-1  | 9728694    | 9929184    | 9946544    | 9868141    | 1.23   | cps   |
| Molybdenum | 97-1  | 5397543    | 5412041    | 5419277    | 5409620    | 0.20   | cps   |
| Molybdenum | 98-1  | 14185247   | 14431032   | 14503492   | 14373257   | 1.16   | cps   |
| Neodymium  | 150-1 | 307        | 473        | 420        | 400        | 21.28  | cps   |
| Nickel     | 60-1  | 1276320    | 1278302    | 1285061    | 1279894    | 0.36   | cps   |
| Phosphorus | 31-1  | 3576405    | 3573467    | 3572011    | 3573961    | 0.06   | cps   |
| Potassium  | 39-1  | 1218132329 | 1239585542 | 1251813650 | 1236510507 | 1.38   | cps   |
| Rhodium    | 103-1 | 6772719    | 6872594    | 6814129    | 6819814    | 0.74   | cps   |
| Scandium   | 45-1  | 4250251    | 4250452    | 4197629    | 4232777    | 0.72   | cps   |
| Selenium   | 77-1  | 43048      | 43148      | 42446      | 42881      | 0.89   | cps   |
| Selenium   | 78-1  |            |            |            |            |        | cps   |
| Selenium   | 82-1  | 56934      | 56521      | 57036      | 56830      | 0.48   | cps   |
| Silicon    | 28-1  | 2766012    | 2921897    | 3016891    | 2901600    | 4.37   | cps   |
| Silver     | 107-1 | 4293480    | 4319335    | 4337212    | 4316676    | 0.51   | cps   |
| Silver     | 109-1 | 4134448    | 4180062    | 4147900    | 4154137    | 0.56   | cps   |
| Sodium     | 23-1  | 2883103482 | 2949862238 | 2932553570 | 2921839764 | 1.19   | cps   |
| Strontium  | 86-1  | 10720898   | 10792466   | 10986784   | 10833382   | 1.27   | cps   |
| Strontium  | 88-1  | 94490100   | 94731460   | 96006179   | 95075913   | 0.86   | cps   |
| Sulfur     | 34-1  | 778311     | 776803     | 778926     | 778013     | 0.14   | cps   |
| Terbium    | 159-1 | 11608260   | 11743999   | 11723814   | 11692025   | 0.63   | cps   |
| Thallium   | 203-1 | 4289864    | 4315168    | 4404882    | 4336638    | 1.39   | cps   |
| Thallium   | 205-1 | 10636788   | 10658010   | 10953395   | 10749398   | 1.65   | cps   |
| Thorium    | 232-1 | 17011569   | 17354440   | 17374501   | 17246837   | 1.18   | cps   |
| Tin        | 118-1 | 2992179    | 3014571    | 2992616    | 2999789    | 0.43   | cps   |
| Titanium   | 47-1  | 2183471    | 2182470    | 2191835    | 2185925    | 0.24   | cps   |
| Uranium    | 238-1 | 16476343   | 16712692   | 16861389   | 16683475   | 1.16   | cps   |
| Vanadium   | 51-1  | 6281217    | 6360204    | 6355741    | 6332387    | 0.70   | cps   |
| Yttrium    | 89-1  | 11197403   | 11316376   | 11210462   | 11241413   | 0.58   | cps   |
| Zinc       | 66-1  | 8837352    | 8992601    | 8967673    | 8932542    | 0.93   | cps   |
| Zirconium  | 90-1  | 5710266    | 5784679    | 5866129    | 5787025    | 1.35   | cps   |
| Zirconium  | 91-1  | 1254090    | 1255494    | 1262496    | 1257360    | 0.36   | cps   |

LB Number : LB115569 Operator : JASWAL  
 Lab Sample ID : CCB41 Instrumnet Name : P7  
 Client Sample ID : CCB41 Dilution Factor : 1  
 Date & Time Acquired :: 2021-07-27 13:12:52 DataFile Name : 026CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-1  | 23894    | 24395    | 25528    | 24605    | 3.40   | cps   |
| Antimony   | 121-1 | 492      | 533      | 567      | 531      | 7.08   | cps   |
| Arsenic    | 75-1  | -1716    | -1558    | -1714    | -1663    | -5.45  | cps   |
| Barium     | 135-1 | 142      | 100      | 100      | 114      | 21.12  | cps   |
| Barium     | 137-1 | 108      | 158      | 325      | 197      | 57.52  | cps   |
| Beryllium  | 9-1   | 217      | 117      | 100      | 144      | 43.68  | cps   |
| Bismuth    | 209-1 | 8262956  | 8385160  | 8328798  | 8325638  | 0.73   | cps   |
| Boron      | 10-1  | 3292     | 3117     | 2925     | 3112     | 5.90   | cps   |
| Boron      | 11-1  | 15166    | 14499    | 14157    | 14607    | 3.51   | cps   |
| Bromine    | 81-1  | 6710     | 6685     | 6477     | 6624     | 1.94   | cps   |
| Cadmium    | 111-1 | 3052     | 3644     | 3492     | 3396     | 9.06   | cps   |
| Cadmium    | 106-1 | 4334     | 5151     | 4968     | 4818     | 8.90   | cps   |
| Cadmium    | 108-1 | 46       | 17       | 50       | 38       | 48.43  | cps   |
| Calcium    | 43-1  | 283      | 342      | 358      | 328      | 12.02  | cps   |
| Calcium    | 44-1  | 10204    | 10004    | 9962     | 10056    | 1.29   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chromium   | 52-1  | 12722    | 13033    | 13103    | 12952    | 1.56   | cps   |
| Cobalt     | 59-1  | 581      | 641      | 551      | 591      | 7.77   | cps   |
| Copper     | 63-1  | 2657     | 2767     | 2800     | 2741     | 2.74   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 0        | 8        | 100.02 | cps   |
| Erbium     | 164-1 | 117      | 42       | 58       | 72       | 54.52  | cps   |
| Gadolinium | 160-1 | 33       | 117      | 92       | 81       | 53.09  | cps   |
| Holmium    | 165-1 | 11486468 | 11726528 | 11725327 | 11646108 | 1.19   | cps   |
| Indium     | 115-1 | 8301869  | 8387086  | 8476312  | 8388422  | 1.04   | cps   |
| Iron       | 56-1  | 2400280  | 2395581  | 2399503  | 2398455  | 0.11   | cps   |
| Iron       | 57-1  | 33813    | 34426    | 34777    | 34339    | 1.42   | cps   |
| Iron       | 54-1  |          |          |          |          |        | cps   |
| Krypton    | 83-1  | 747      | 673      | 670      | 697      | 6.22   | cps   |
| Lead       | 206-1 | 2317     | 2261     | 2006     | 2195     | 7.56   | cps   |
| Lead       | 207-1 | 1833     | 1889     | 1911     | 1878     | 2.13   | cps   |
| Lead       | 208-1 | 9168     | 9146     | 8518     | 8944     | 4.13   | cps   |
| Lithium    | 6-1   | 2579169  | 2619127  | 2634224  | 2610840  | 1.09   | cps   |
| Magnesium  | 24-1  | 89314    | 94117    | 93574    | 92335    | 2.85   | cps   |
| Manganese  | 55-1  | 5837     | 6648     | 6108     | 6198     | 6.66   | cps   |
| Molybdenum | 94-1  | 675      | 517      | 700      | 631      | 15.77  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB115569            | Operator :        | JASWAL    |
| Lab Sample ID :         | CCB41               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB41               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2021-07-27 13:12:52 | DataFile Name :   | 026CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 95-1  | 317      | 483      | 275      | 358      | 30.76  | cps   |
| Molybdenum | 96-1  | 592      | 508      | 442      | 514      | 14.62  | cps   |
| Molybdenum | 97-1  | 183      | 192      | 200      | 192      | 4.35   | cps   |
| Molybdenum | 98-1  | 642      | 675      | 600      | 639      | 5.88   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Nickel     | 60-1  | 520      | 510      | 587      | 539      | 7.73   | cps   |
| Phosphorus | 31-1  | 22881    | 22259    | 23703    | 22948    | 3.16   | cps   |
| Potassium  | 39-1  | 3286048  | 3292182  | 3312761  | 3296997  | 0.42   | cps   |
| Rhodium    | 103-1 | 7609696  | 7649834  | 7719018  | 7659516  | 0.72   | cps   |
| Scandium   | 45-1  | 4482860  | 4557180  | 4552814  | 4530951  | 0.92   | cps   |
| Selenium   | 77-1  | 67       | 42       | 50       | 53       | 24.12  | cps   |
| Selenium   | 78-1  |          |          |          |          |        | cps   |
| Selenium   | 82-1  | 31       | 22       | 87       | 47       | 75.57  | cps   |
| Silicon    | 28-1  | 192041   | 192473   | 194043   | 192852   | 0.55   | cps   |
| Silver     | 107-1 | 217      | 258      | 200      | 225      | 13.35  | cps   |
| Silver     | 109-1 | 92       | 158      | 142      | 131      | 26.57  | cps   |
| Sodium     | 23-1  | 527916   | 523264   | 525138   | 525439   | 0.45   | cps   |
| Strontium  | 86-1  | 1425     | 1242     | 1375     | 1347     | 7.04   | cps   |
| Strontium  | 88-1  | 1708     | 1708     | 1692     | 1703     | 0.57   | cps   |
| Sulfur     | 34-1  | 462139   | 469946   | 470334   | 467473   | 0.99   | cps   |
| Terbium    | 159-1 | 11705769 | 12230530 | 11904712 | 11947004 | 2.22   | cps   |
| Thallium   | 203-1 | 525      | 642      | 483      | 550      | 14.92  | cps   |
| Thallium   | 205-1 | 1233     | 1375     | 1167     | 1258     | 8.46   | cps   |
| Thorium    | 232-1 | 733      | 961      | 811      | 835      | 13.86  | cps   |
| Tin        | 118-1 | 642      | 642      | 725      | 669      | 7.19   | cps   |
| Titanium   | 47-1  | 100      | 133      | 142      | 125      | 17.64  | cps   |
| Uranium    | 238-1 | 258      | 292      | 325      | 292      | 11.43  | cps   |
| Vanadium   | 51-1  | 280      | 200      | 250      | 244      | 16.61  | cps   |
| Yttrium    | 89-1  | 11396516 | 11805403 | 11770729 | 11657549 | 1.94   | cps   |
| Zinc       | 66-1  | 2617     | 2667     | 2554     | 2612     | 2.17   | cps   |
| Zirconium  | 90-1  | 1067     | 833      | 1200     | 1033     | 17.96  | cps   |
| Zirconium  | 91-1  | 200      | 283      | 158      | 214      | 29.76  | cps   |